

of carbonic acid gas, and nothing can be said as yet as to whether these results for high northern latitudes occur also in other regions.

"The question here raised is one of great importance in the theory of the interaction of the atmosphere and the earth, and it can only be brought to a definite solution when the greatest

possible number of investigations into the percentages of carbonic acid gas in the atmospheric strata are carried out by means of balloon voyages. Observations made upon high mountains can not replace those made on balloon voyages, because on the mountain tops we are still under the influence of the absorption by the earth's surface."

METEOROLOGICAL TABLES.

By A. J. HENRY, Chief of Division of Records and Meteorological Data.

Table I gives, for about 130 Weather Bureau stations making two observations daily and for about 20 others making only the 8 p. m. observation, the data ordinarily needed for climatological studies, viz, the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation.

Table II gives, for about 2,400 stations occupied by voluntary observers, the extreme maximum and minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station; the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus (....).

Table III gives, for about 30 Canadian stations, the mean pressure, mean temperature, total precipitation, prevailing wind, and the respective departures from normal values. Reports from Newfoundland and Bermuda are included in this table for convenience of tabulation.

Table IV gives, for 82 stations, the mean hourly temperatures deduced from thermographs of the pattern described and figured in the Report of the Chief of the Weather Bureau, 1891-'92, p. 29.

Table V gives, for 67 stations, the mean hourly pressures as automatically registered by Richard barographs, except for Washington, D. C., where Foreman's barograph is in use. Both instruments are described in the Report of the Chief of the Weather Bureau, 1891-'92, pp. 26 and 30.

Table VI gives, for 136 stations, the arithmetical means of the hourly movements of the wind ending with the respective hours, as registered automatically by the Robinson anemometer, in conjunction with an electrical recording mechanism, described and illustrated in the Report of the Chief of the Weather Bureau, 1891-'92, p. 19.

Table VII gives the danger points, the highest, lowest, and

mean stages of water in the rivers at cities and towns on the principal rivers; also the distance of the station from the river mouth along the river channel.

Table VIII gives the maximum, minimum, and mean readings of the wet-bulb thermometer for 135 stations, as determined by observations of the whirled psychrometer at 8 a. m. and 8 p. m., daily.

The difference between mean local time and seventy-fifth meridian time is also given in the table.

Table IX gives, for all stations that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions based on these two observations only and without considering the velocity of the wind. The total movement for the whole month, as read from the dial of the Robinson anemometer, is given for each station in Table I. By adding the four components for the stations comprised in any geographical division one may obtain the average resultant direction for that division.

Table X gives the total number of stations in each State from which meteorological reports of any kind have been received, and the number of such stations reporting thunderstorms (T) and auroras (A) on each day of the current month.

Table XI gives, for 42 stations, the percentages of hourly sunshine as derived from the automatic records made by two essentially different types of instruments, designated, respectively, the thermometric recorder and the photographic recorder. The kind of instrument used at each station is indicated in the table by the letter T or P in the column following the name of the station.

Table XII gives the records of hourly precipitation as reported by stations equipped with automatic gauges, of which 37 are known as float gauges and 7 as weighing rain and snow gauges.

Table XIII gives the record of excessive precipitation at all stations from which reports are received.

Table XIV gives a record of the heaviest rainfalls for periods of five and ten minutes and one hour, as reported by regular stations of the Weather Bureau furnished with self-registering rain gauges.

Additional information concerning the tables will be found in the January, 1895, REVIEW.

TABLE I.—Climatological data for Weather Bureau Stations, August, 1895.

Stations.	Elevation above sea-level, feet.	Length of record, years.	Pressure in inches.		Temperature of the air, in degrees Fahrenheit.				Humidity and precipitation.				Wind.				Monthly temperature data since opening station.							
			Mean pressure, 8 a.m. and 8 p.m. + or -	Mean reduced.	Departure from normal.	Date.	Mean maximum.	Mean minimum.	Greatest daily range.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Precipitation, in inches.	Total movement, miles.	Prevailing direction.	Maximum velocity.	Cloudy days.	Average cloudiness, tenths.	Absolute maximum.	Absolute minimum.	Year.				
<i>New England.</i>																								
Eastport	76	23	29.81	29.90	-0.07	63.4	1.3	61.6	0.8	80	17	69	49	24	5,911	s.	23	5.3	90	1893				
Portland, Me.	103	24	29.80	29.90	-0.08	66.2	1.2	83	0.9	85	11	74	47	36	5,007	w.	23	10	19	11	5.5	95	1876	
Northfield	872	9	29.01	29.93	-0.05	62.9	0.9	62.5	0.5	85	11	74	56	52	5,558	sw.	23	12	6.0	91	5.5	95	1894	
Boston	125	25	29.81	29.94	-0.05	71.0	2.5	89	6	73	50	57	50	22	4,644	s.	24	0.4	15	3	4.7	97	1881	
Nantucket	14	9	29.96	29.97	-0.05	68.8	1.4	80	0.7	80	11	74	51	52	5,819	n.w.	23	5	5.0	86	5.3	98	1892	
Woods Hole	18					69.2	0.7	80	11	74	51	57	51	15	5,510	s.	36	3.3	3.8	3	3.3	85	1876	
Vineyard Haven	9					71.2	0.9	80	0.6	75	74	51	52	15	5,416	sw.	36	8	8	3	3.3	85	1894	
Block Island	27	15	29.94	29.97	-0.04	69.4	1.3	80	0.8	85	29	77	50	50	5,810	sw.	33	sw.	24	11	11	11	11	1893
Narragansett Pier	14					69.8	1.4	85	11	74	51	57	51	15	5,689	sw.	23	2.4	11	11	11	11	1894	
New Haven	107	23	29.84	29.95	-0.07	71.4	2.9	87	80	50	50	55	52	22	5,689	sw.	23	2.4	11	11	11	11	1894	
New London	45	25	29.92	29.97	-0.05	70.4	1.9	85	13	73	50	52	51	21	5,633	sw.	23	2.4	11	11	11	11	1894	
<i>Mid. Atlan. States.</i>						76.1	2.7	85	11	74	51	57	51	15	5,819	n.w.	23	2.4	11	11	11	11	1894	
Albany	85	23	29.86	29.95	-0.04	72.2	2.8	82	11	82	51	57	51	15	4,865	s.	28	2.4	11	11	11	11	1875	
New York	314	25	29.84	29.96	-0.06	73.8	2.0	85	24	81	50	55	51	15	8,018	sw.	62	2.4	11	11	11	11	1894	
Harrisburg	377	2	29.59	29.97	-0.05	75.0	2.9	95	10	85	51	57	51	15	4,132	w.	28	2.4	11	11	11	11	1894	
Philadelphia	117	25	29.85	29.97	-0.06	77.4	3.4	86	11	87	51	57	51	15	6,637	sw.	28	2.4	11	11	11	11	1894	
New Brunswick	179	25	29.78	29.97	-0.06	77.1	2.6	86	10	87	51	57	51	15	4,890	sw.	26	n.w.	31	12	12	12	1894	
Baltimore	113	25	29.87	29.98	-0.06	77.2	3.7	97	11	88	51	57	51	15	8,806	s.	25	n.w.	4	12	12	12	1894	
Cape Henry	52	22	29.89	29.97	-0.06	78.1	1.9	88	12	86	51	57	51	15	3.82	sw.	24	2.4	11	11	11	11	1888	
Lynchburg	695	25	29.89	30.00	-0.08	77.8	2.8	95	11	87	51	57	51	15	2,537	sw.	23	2.4	11	11	11	11	1894	
Norfolk	57	25	29.94	30.00	-0.02	78.2	2.9	95	11	87	51	57	51	15	8,098	d.	26	n.w.	14	11	11	11	1894	
<i>S. Atlantic States.</i>						79.8	1.4	91	5	87	51	57	51	15	5,80	s.	26	2.4	11	11	11	11	1894	
Charlotte	773	17	29.92	30.01	-0.01	77.5	1.0	94	5	87	51	57	51	15	4,411	sw.	30	2.4	11	11	11	11	1887	
Hatteras	11	15	30.02	30.03	+ 0.01	78.0	0.8	88	30	83	51	57	51	15	5,833	sw.	24	4	10	13	13	13	1879	
Kittyhawk	9	21	29.98	29.99	-0.03	78.7	1.3	93	29	84	51	57	51	15	4,192	sw.	23	4.5	11	8,060	sw.	23	1888	
Raleigh	388	9	29.62	30.03	-0.03	77.4	1.8	94	10	86	51	57	51	15	3,168	sw.	24	2.4	11	11	11	11	1894	
Wilmington	78	25	29.95	30.08	-0.01	78.9	1.1	94	10	87	51	57	51	15	6,524	s.	24	2.4	11	11	11	11	1887	
Charleston	52	25	30.01	30.06	-0.01	80.0	2.3	98	19	88	51	57	51	15	5,083	sw.	27	2.4	11	11	11	11	1879	
Columbia	180	24	29.88	30.02	-0.02	80.5	0.5	98	* 80	90	51	57	51	15	4,416	s.	35	2.4	11	11	11	11	1894	
Augusta	98	26	29.94	30.04	-0.01	82.2	2.4	98	19	91	51	57	51	15	4,288	sw.	26	2.4	11	11	11	11	1888	
Savannah	43	24	29.99	30.04	+ 0.02	82.9	1.4	97	20	92	51	57	51	15	4,509	sw.	26	2.4	11	11	11	11	1894	
Jacksonville	1					81.9	0.2	93	1	83	51	57	51	15	4,817	s.	34	2.4	11	11	11	11	1894	
<i>Florida Peninsula.</i>						81.2	0.3	93	1	83	51	57	51	15	6,72	s.	17	4	22	23	23	23	1894	
Jupiter	28	24	30.02	30.05	-0.00	81.4	0.8	93	18	87	71	76	74	25	3,781	sw.	30	2.4	11	11	11	11	1894	
Key West	23	24	30.03	30.05	+ 0.04	83.0	1.1	93	20	88	71	76	74	25	4,426	w.	24	2.4	11	11	11	11	1894	
Tampa	38	6	30.01	30.05	-0.05	81.2	0.2	95	20	89	71	76	74	25	3,493	e.	26	2.4	11	11	11	11	1894	
Titusville	44	9	30.03	30.06	-0.01	81.2	0.3	93	1	83	71	76	74	25	3,753	e.	34	2.4	11	11	11	11	1893	
<i>East Gulf States.</i>						80.2	0.3	93	1	83	71	76	74	25	3,288	se.	26	2.4	11	11	11	11	1894	
Atlanta	1,181	17	28.86	29.02	-0.02	77.1	0.6	92	8	85	60	65	68	26	5,177	n.w.	30	2.4	11	11	11	11	1887	
Pensacola	56	16	29.95	30.01	-0.02	80.8	0.1	98	19	89	71	76	74	25	5,177	sw.	45	2.4	11	11	11	11	1894	
Mobile	57	26	29.97	30.03	-0.02	80.8	0.3	94	19	88	71	76	74	25	6,836	sw.	37	2.4	11	11	11	11	1894	
Montgomery	221	24	29.78	29.81	-0.02	80.9	1.1	96	19	89	61	66	68	25	4,426	w.	24	2.4	11	11	11	11	1874	
Meridian	358	6	29.63	29.80	-0.02	79.7	1.9	94	19	89	61	66	68	25	4,500	sw.	31	2.4	11	11	11	11	1894	
Vicksburg	254	24	29.73	29.98	-0.04	80.0	0.2	93	15	88	61	66	68	25	2,754	w.	24	2.4	11	11	11	11	1894	
New Orleans	64	24	29.95	30.01	+ 0.01	81.6	0.1	93	16	88	51	57	51	15	6,450	s.	30	2.4	11	11	11	11	1894	
Port Eads	9					80.7	0.9	90	* 87	87	70	75	15	6,450	s.	30	2.4	11	11	11	11	1894		
<i>West Gulf States.</i>						81.2	0.2	92	0.0	96	72	77	74	25	3,573	e.	35	2.4	11	11	11	11	1894	
Shreveport	249	24	29.71	29.97	-0.03	82.2	0.3	96	18	87	71	76	74	25	1,498	sw.	36	2.4	11	11	11	11	1894	
Fort Smith	481	14	29.46	29.95	-0.03	78.4	0.3	96	19	89	61	66	68	25	3,543	c.	27	2.4	11	11	11	11	1894	
Little Rock	302	17	29.87	29.98	-0.03	79.6	0.1	95	18	89	61	66	68	25	3,543	sw.	31	2.4	11	11	11	11	1894	
Corpus Christi	20	9	29.94	29.96	-0.04	82.0	0.5	95	17	89	61	66	68	25	10,230	sw.	41	2.4	11	11	11	11	1894	
Galveston	42	25	29.95	30.00	+ 0.01	83.0	0.2	94	14	93	61	66	68	25	3,728	sw.	31	2.4	11	11	11	11	1894	
Palestine	510	14	29.46	29.99	-0.03	82.8	1.1	96	11	93	61	66	68	25	4,511	s.	37	2.4	11	11	11	11	1894	
San Antonio	704	17	29.23	29.95	-0.06	84.5	2.3	96	3	96	51	57	51	15	8,060	s.	31	2.4	11	11	11	11	1894	
<i>Ohio Val. & Tenn.</i>						76.9	1.8	92	18	86	51	57	51	15	2,25	s.	26	2.4	11	11	11	11</td		

TABLE I.—*Climatological data for Weather Bureau Stations, August, 1895—Continued.*

Stations.	Elevation above sea-level, feet.	Length of record, years.	Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.										Humidity and precipitation.				Wind.		Monthly temperature data since opening station.											
			Mean pressure, S a.m. and 8 p.m. + 2 - 2.		Mean max. and min. + 2.					Mean maximum.					Greatest daily range.			Mean temperature of the dewpoint.		Total movement, miles.		Prevailing direction.		Average cloudiness, tenths.								
			Mean reduced.		Departure from normal.		Maximum.			Date.		Mean minimum.			Date.		Mean relative humidity, per cent.		Days with 91, or more.		Miles per hour.		Direction.		Year.							
<i>Up. Miss. Val.—Con</i>																																
Dubuque	23	29.30	29.94	- .05	74.4	+ 4.1	97	19	86	53	1	63	34	1.75	- 1.9	7	2.68	- 0.8	5	3.0	99	*	41	1876								
Keokuk	613	25	29.30	29.94	- .05	75.7	+ 2.4	94	16	86	53	1	66	30	4,409	sw.	24	sw.	23	16	9	3.3	102	1873								
Cairo	280	25	29.59	29.96	- .08	75.1	+ 1.6	93	18	87	50	1	66	32	4,086	s.	24	sw.	23	11	16	4.1	3.0	1876								
Springfield, Ill.	644	17	29.30	29.98	- .06	75.8	+ 2.6	93	17	85	50	2	65	32	5,150	sw.	27	w.	23	11	16	4.2	103	1881								
Hannibal	554	25	29.39	29.94	- .04	74.8	+ 1.5	93	13	84	50	2	64	32	5,144	sw.	23	sw.	23	15	13	3	4.1	1891								
St. Louis	571	25	29.39	29.98	- .01	77.9	+ 1.6	94	25	86	53	2	63	32	6,076	sw.	37	sw.	10	15	13	4	4.0	1881								
<i>Missouri Valley.</i>																																
Columbia	6	29.30	29.97	- .02	74.0	+ 1.1	97	17	86	52	2	66	32	4,211	sw.	23	sw.	23	16	19	6.0	105	1894									
Kansas City	963	8	29.38	29.97	- .02	75.3	+ 0.6	93	18	84	52	2	67	35	5,233	s.	40	nw.	4	12	16	5.0	100	1894								
Springfield, Mo.	1,324	9	28.61	29.97	- .02	74.8	+ 0.5	95	18	86	53	2	67	35	5,085	s.	38	sw.	30	14	16	5.4	4.4	1891								
Topeka	7	28.79	29.94	- .05	75.8	+ 2.1	95	21	86	56	2	67	35	6,200	se.	30	sw.	18	14	16	4.0	1887										
Omaha	1,128	25	28.79	29.94	- .05	74.4	+ 1.9	96	20	84	56	2	67	35	5,386	se.	30	ne.	18	13	10	4.8	105	1874								
Sioux City	1,165	7	28.70	29.91	- .06	72.8	+ 1.2	98	47	80	51	2	68	36	6,825	n.	46	n.	15	13	13	5.4	106	1894								
Pierre	1,470	21	28.36	29.87	- .07	73.8	+ 1.5	100	21	81	46	2	54	58	6,473	n.	44	e.	12	13	13	3.9	102	1890								
Huron	1,810	25	28.53	29.89	- .06	70.0	+ 1.0	100	37	81	45	2	52	58	6,076	sw.	7	16	13	8	9	4.7	102	1890								
<i>Northern Slope.</i>																																
Hayre	3,477	16	27.34	29.88	- .08	61.2	+ 2.1	96	3	81	34	27	49	51	39	47	0.04	- 0.7	1	5,490	w.	30	ne.	29	2	2.6	105	1893				
Miles City	2,374	18	27.45	29.88	- .05	60.2	+ 2.5	101	12	81	42	10	54	48	44	45	0.39	- 0.7	5	4,154	w.	33	nw.	21	18	2.2	3.8	103	1882			
Helena	4,108	16	25.87	29.95	+ .05	66.1	+ 0.1	91	2	79	39	40	53	33	36	39	0.14	- 0.6	4	5,729	sw.	42	sw.	21	17	2.4	9.8	1883				
Rapid City	8,280	10	26.32	29.88	- .05	68.9	+ 0.8	93	15	83	48	14	57	48	44	46	0.69	- 0.9	5	7,039	n.	38	n.	21	16	2.4	102	1891				
Cheyenne	6,105	24	24.12	29.91	- .00	65.2	+ 0.2	90	17	78	46	6	52	33	46	57	1.69	- 0.1	8	6,431	n.	38	n.	21	11	5.4	96	1882				
Lander	5,377	9	24.70	29.94	- .00	64.8	+ 2.8	92	20	81	39	14	49	49	41	50	1.04	- 0.4	4	2,592	s.	34	nw.	15	14	5.4	101	1892				
North Platte	2,826	21	27.08	29.98	- .02	71.7	+ 0.7	98	16	84	48	29	59	37	57	67	2.13	- 0.3	7	6,263	s.	34	nw.	1	15	15	3.9	103	1883			
<i>Middle Slope.</i>																																
Denver	5,287	24	24.84	29.95	+ .06	70.2	+ 0.7	94	16	83	51	25	57	40	46	52	0.76	+ 0.6	8	4,717	s.	33	nw.	9	10	1.7	4.4	105	1873			
Pueblo	4,734	8	25.83	29.95	- .02	71.9	+ 0.4	92	27	86	51	25	57	42	50	57	1.17	- 1.0	13	4,704	se.	44	nw.	21	14	3.3	9.1	101	1892			
Concordia	1,410	11	24.39	29.98	- .05	75.6	+ 2.8	100	10	87	58	21	65	33	72	72	4.98	- 0.9	8	4,743	s.	31	s.	17	8	3.8	102	1891				
Dodge City	2,504	21	27.38	29.90	- .03	75.6	+ 0.8	98	18	88	57	19	64	38	70	70	2.49	- 0.7	6	7,611	se.	43	nw.	4	18	3.5	104	1894				
Wichita	1,351	8	28.53	29.91	- .03	77.1	+ 0.7	95	14	87	59	10	61	31	70	67	4.04	- 0.4	12	4,709	s.	30	n.	11	16	4.1	102	1890				
Oklahoma	1,339	25	27.70	29.97	- .03	79.1	- .07	97	14	89	64	10	69	36	76	44	0.44	- 1.3	12	5,051	s.	50	se.	10	20	10	3.0	*				
<i>Southern Slope.</i>																																
Abilene	1,749	10	28.18	29.95	- .02	81.2	+ 0.5	100	14	92	65	4	70	29	64	64	1.27	- 0.3	5	5,306	se.	25	se.	30	9	18	4.8	103	1888			
Amarillo	3,681	26	28.30	29.94	- .02	74.2	+ 0.1	91	13	85	59	29	64	35	58	58	3.87	- 0.2	10	10,416	s.	44	n.	4	11	12	4.8	*				
<i>Southern Plateau.</i>																																
El Paso	8,707	18	26.19	29.90	+ .01	78.7	+ 1.8	95	13	90	68	7	67	59	56	55	2.01	- 0.0	12	6,648	e.	55	ne.	30	14	16	3.8	110	1884			
Santa Fe	6,998	22	23.39	29.97	- .05	66.2	+ 0.2	84	17	77	50	25	55	37	57	55	3.84	+ 1.0	20	4,174	se.	32	sw.	27	8	23	0.6	97	1878			
Phoenix†	1,106	20	28.64	29.76	- .03	88.6	+ 1.0	98	16	101	65	29	76	37	59	44	0.27	- 0.4	4	2,681	e.	30	n.	20	6	18	3.4	116	1883			
Yuma	141	30	29.02	29.76	- .03	90.9	- 0.7	94	15	104	64	30	78	38	48	48	0.4	- 0.4	1	5,599	sw.	32	se.	6	14	3	1.1	115	1873			
Independence	3,884	25	26.37	29.85	- .03	76.0	+ 1.0	103	5	92	46	30	80	37	35	39	0.04	- 0.1	1	5,748	se.	32	n.	3	4	2.4	*					
<i>Middle Plateau.</i>																																
Carson City	4,720	8	25.30	29.88	- .03	69.9	+ 2.2	95	5	83	34	30	46	44	34	36	0.05	- 0.3	3	6,333	sw.	36	sw.	25	22	3.2	32	95	1895			
Winnebago	4,840	17	25.65	29.88	+ .02	69.8	+ 0.1	98	5	86	43	20	54	42	33	41	0.08	- 0.0	1	6,333	sw.	36	sw.	22	19	1	2	95	1895			
Salt Lake City	4,845	22	25.62	29.88	- .02	74.8	+ 0.1	97	27	81	61	36	52	47	41	33	0.02	- 0.8	1	4,134	se.	36	nw.	22	14	14	3	8.4	101	1875		
<i>Northern Plateau.</i>																																
Baker City	3,420	7	26.45	29.89	- .01	63.5	+ 0.8	94	2	82	39	14	49	49	36	40	0.39	- 0.2	3	8,977	dw.	30	se.	35	21	3	2.3	99	1893			
Idaho Falls	4,742	6	25.25	29.90	- .01	67.1	- 0.5	95	15	86	36	10	49	50	38	38	0.11	- 0.3	2	5,708	s.	46	s.	39	21	19	2.7	101	1881			
Spokane	1,930	15	27.96	29.95	- .01	67.5	- 0.8	95	10	82	42	27	58	44	32	36	0.08	- 0.3	1	3,904	sw.	39	s.	21	16	16	3.7	103	1888			
Walla Walla	1,018	10	28.89	29.94	- .02	73.5	- 1.0	103	4	82	45	27	51	42	48	38	0.00	- 0.1	1	8,825	w.	26	s.	21	10	10	3.4	108	1894			
<i>N. Pac. Coast Reg.</i>																																
Seattle	119	29.91	30.04	- .02	62.0	- 1.4	70	5	82	51	71	42	47	45	42	49	68	1.31	- 1.5	2	5,507	uw.	18	n.	5	25	5	1	8.0	*		
Tatoosh Island	86	11	29.99	30.09	+ .05	54.6	- 1.4	70	5	82	50	55	21	45	42	48	76	0.44	- 0.4	4	5,492	sw.	29	s.	29	14	14	3	14	5.4	80	1894
Astoria	11	29.91	30.04	- .02	61.4	- 0.2	84	5	70	45	52	13	45	42	43	51	88	0.03	- 1.2	1	5,492	sw.	29	s.	29	14	14	3	14	5.4	80	1891
Portland, Oreg.	29	11	30.03	30.05	+ .04	66.4	- 0.6	88	5	80	45	27</td																				

* Two or more directions, dates, or years. † Received too late to be considered in departures, etc. ‡ Record for 98 days only. § All values except precipitation

* Two or more directions, dates, or years. † Received too late to be considered in departures, etc. ‡ Record for 28 days only. § All values except precipitation for 18 days only. || All values for 28 days only.

TABLE II.—*Meteorological record of voluntary and other cooperating observers, August, 1895.*

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.	
	Maximum.	•	Minimum.	Rain and melted snow.	Total depth of snow.		Maximum.	•	Minimum.	Rain and melted snow.	Total depth of snow.		Maximum.	•	Minimum.	Rain and melted snow.	Total depth of snow.
	Alabama.	○	○	○	Ins.	Arizona—Cont'd.	○	○	○	Ins.	Ins.	California—Cont'd.	○	○	○	Ins.	Ins.
Aleo.	99	68	81.2	Ins.	Ins.	Tucson ^{c†} .	106	61	82.8	4.48	Ins.	Folsom City ^{b*1} .	104	57	77.0	Ins.	Ins.
Ashville†.	98	60	82.0	7.69		Walnut Ranch ^{*†1} .	91	60	71.1	3.01		Fordyce Dam.	73	40	56.6	T.	T.
Bermuda†.	93	68	79.4	4.21		Wells ^{*1} .	114	63	89.9	0.64		Fort Bragg†.	73	40	56.6	0.02	0.00
Birmingham†.	95 ^a	73	83.8 ^a	3.10		Whipple Barracks†.	100	45	73.4	3.53		Fort Ross.				0.00	0.00
Brewton†.	100	66	91.0			Wilgus†.				2.36		Fort Tejon.				0.00	0.00
Carrollton ^{*†1} .	93	68	79.6	2.44		Willcox ^{*8} .	98	64	79.2	3.06		Fremontville [*] .	90	49	86.1	0.00	
Citronelle†.	93	72	80.2	6.61		Arkadelphia†.				5.75		Georgetown†.	98	48	73.5	0.07	
Claiborne†.				0.16		Arkansas City†.				1.85		Glenadora.				0.00	
Clanton†.	92	67	79.0	2.68		Bee Branch†.	98	61	78.8	2.73		Goshen ^{*8} .	108	53	80.1	0.00	
Collrene ^{*1} .	94	76	82.7	2.40		Blanchard Springs†.	25	64	79.7	6.20		Grass Valley.				0.24	
Cordova†.				5.05		Brinkley†.	96	63	80.1	1.27		Greenville†.	105	32	61.9	0.48	
Daphnet†.	98	66	80.5	13.85		Camden ^{a†} .				3.92		Healdsburg [*] .	92	46	62.4	0.00	
Decatur†.	95	58	78.0	3.60		Canfield ^{a†} .	97	62	79.4	3.42		Hollister.	95	43	64.1	0.00	
Demopolis†.				4.30		Conway ^{*1} .	91	66	77.4	1.32		Hueneme.				0.00	
Elba†.				5.20		Corning†.	98	55	79.0	2.12		Humboldt L. H.				0.08	
Eufaula ^{a†} .	95	72	82.0	6.17		Dardanelle†.	97	61	79.4	2.00		Hydesville†.	85	42	58.6	0.17	
Eufaula ^{c†} .				8.08		Elon†.	96	61	80.9	3.43		Indio ^{*8} .	116	68	94.3	0.00	
Evergreen†.	96	63	80.7	9.42		Fayetteville†.	93	58	79.6	2.86		Iowa Hill ^{*1} .	101	54	75.1	0.27	
Florence ^{a†} .				4.15		Forrest†.	96	61	79.7	0.68		Jackson.	95	46	71.3	T.	
Florence ^{b†} .	92	57	78.4	3.35		Fulton†.				2.62		Jolon.				0.00	
Fort Deposit†.	94	70	81.0	7.32		Helena ^{a†} .				3.34		Julian†.	99	36	78.1	0.70	
Gadsden†.	95	53	78.0	6.16		Helena ^{b†} .	102	63	82.8	2.55		Keeler ^{*8} .	106	64	84.2	T.	
Goodwater†.	100	66	80.4	6.13		Hot Springs ^a .	90	62	80.6	3.40		Keene ^{*8} .	102	48	75.9	0.00	
Greensboro†.	92	67	79.9	5.64		Hot Springs ^b .				0.09		Kennedy Gold Mine.	104	48	74.9	0.00	
Healing Springs†.	94	62	79.0	5.46		Hot Springs (near).				4.44		Kernville.				0.00	
Highland Home†.	92	69	79.0	10.81		Keeses Ferry†.	99	56	77.2	2.10		King City [*] .	102	45	63.6	0.00	
Jasper†.	96	55	77.5	3.48		Kirby†.	92			3.70		Kingsburg [*] .	110	60	82.3	0.00	
Livingston†.	98	67	81.5	3.00		La Crosse†.	96	56	77.5	2.28		Kono Tavee.	98	54	75.8	T.	
Lock No. 4.				5.12		Lonoke ^{*1} .	95	66	82.5	4.44		Lagrange.				0.00	
Madison Station†.	95	61	78.6	3.56		Luna Landing ^{*8} .	91	72	81.0	2.77		La Porte ^{*1} .	88	40	61.1	0.29	
Maple Grove†.	96	45	78.2	6.20		Madding†.				0.98		Lemoore ^{a**} .	108	52	80.7	0.00	
Marion†.	94	69	81.2	1.92		Malvern†.	100	60	80.2	5.85		Lick Observatory†.	91	49	70.4	0.00	
Mount Willing†.	94	67	79.4	5.40		Mount Ida†.	97	62	79.8	3.43		Lime Kiln.	112	51	81.4	T.	
Newbern†.	92	71	80.7	6.11		Mount Nebo†.	91	57	78.2	0.95		Lime Point L. H.				0.00	
Newburg†.	96	58	78.0	4.66		New Gasony ^{*1} .	94	68	80.7	1.11		Lodi.	101	51	71.8	T.	
Newton†.				7.39		Newport ^{a†} .	96	60	79.6	0.81		Los Alamos†.				0.00	
Oneonta.				3.70		Newport ^{b†} .	96	60	79.6	1.13		Los Gatos ^b .	94	46	65.7	0.00	
Opelika†.	91	68	80.8	3.56		Newport ^{c†} .	94	58	77.6	0.73		McMullin ^{*1} .	110	50	82.0	0.00	
Oxanna ^{*1†} .	92	56	76.3	5.10		Ozark†.	97	60	80.4	1.58		Malakoff Mine ^{*1} .	94	50	71.5	0.41	
Pine Apple†.	95	66	80.8	5.81		Pine Bluff†.	98	63	82.2	1.13		Mammoth Tank [*] .	117	50	62.3	0.00	
Pushmataha†.	94	68	81.0	4.46		Pocahontas†.	95	60	78.2	2.89		Manzana.	108	48	77.8	0.00	
Rock Mills†.	92	64	78.6	8.29		Prescott†.	99	61	80.8	4.87		Mare Island L. H.				0.00	
Scottsboro†.	16	55	77.8	7.87		Rison†.	97	60	79.6	2.65		Merced ^{*8} .	106	55	78.5	0.00	
Selma†.				1.50		Russellville†.	95	61	79.0	1.73		Middletown ^{*1†} .	105	45	72.5	0.00	
Sturdevant†.				2.63		Searcy†.	94	61	77.8	3.35		Mills College.				0.00	
Thomasville†.	92	68	80.0	7.06		Stuttgart†.	95	62	79.5	2.27		Milton (near) [*] .	108	58	79.1	0.00	
Tuscaloosa†.	98	68	81.4	1.95		Texarkana†.	100	65	82.2	1.12		Modesto ^{*8} .	105	50	75.7	0.00	
Tuscumbia†.	96	60	78.4	1.21		Warren†.	98	62	81.2	1.97		Mohave ^{*8} .	111	57	85.5	0.00	
Union†.	95	62	79.4	3.20		Washington†.	93	64	79.6	4.20		Mokelumne Hill ^{*3} .				0.00	
Union Springs†.	96	70	81.8	7.40		Wiggs.				2.65		Monterey [*] .	78	50	60.1	0.00	
Unlontown†.	94	70	81.6	2.68		Winslow†.	96	61	75.0	2.39		Mount Frazier.				0.00	
Valley Head†.	93	51	76.6	7.15		Witts Springs.	98	53	73.9	1.17		Mount Glenwood [*] .	104	57	80.4	0.00	
Wetumpka†.				4.87		California.				2.00		Mutual Flat.				0.00	
Wilsonville [*] .				4.77		Adin.	103	38	67.2	0.87		Napa b.				0.00	
Alaska.						Ager.	106	46	73.6	0.58		Needles†.	91	60	67.2	0.00	
Coal Harbor†.	64	40	51.4	3.17		Agnew.	90	44	65.5	0.00		Nevada City†.	116	43	67.1	0.29	
Killisnoo†.	63	42	51.8	6.95		Arlington Heights.	97	44	71.2	0.00		Newcastle†.	102	50	76.2	0.02	
Arizona.						Athlone ^{*8} .	114	58	87.4	0.00		Newhall ^{*3} .	104	51	75.0	0.00	
Arizona Canal Co. Dam.	112	60	84.3	0.06		Ballast Point L. H.				2.00		North Berkeley [*] .	78	57	62.8	0.00	
Benson ^{*8} .	100	63	80.1	1.20		Bear Valley†.				3.00		Oakland a.	84	50	58.7	0.00	
Bisbee†.	91	60	78.0	4.70		Berkeley.	85	51	62.9	0.00		Ogilby ^{*8} .	122	80	103.5	0.00	
Buckeye†.	108	58	86.0	1.00		Bishop.	103	49	73.0	0.01		Oleta [*] .	99	50	70.7	T.	
Calabasas†.	97	54	75.7	6.77		Bishop Creek.	106	60	82.6	0.07		Orangevale†.	105	49	75.4	T.	
Casa Grande ^{*8} .	103	75	88.2	1.30		Boca ^{*8} .	96	35	57.9	T.		Orland ^{*8} .	113	60	84.1	0.00	
Dragoon.				3.63		Bodie†.	89	25	56.0	0.26		Ormonde†.				0.16	
Dragoon Summit ^{*5} .	99	60	81.6	4.00		Bowmans Dam†.				0.37		Oroville b.				0.00	
Dudleyville†.	106	61	81.9	3.80		Borden ^{*8} .	113	55	81.3	0.00		Palermo†.	107	58	80.1	0.00	
Eagle Pass ^{*8} .	94	60	74.0	8.95		Caliente ^{*8} .	110	61	84.5	0.00		Pasadena.	110	50	73.7	0.05	
Farleys Camp†.	106	64	85.8	4.85		Calloway Canal†.				0.00		Pilot Creek.				0.18	
Flagstaff.	94	52	70.9	5.44		Cape Mendocino L. H.				0.00		Placerville [*] .	98	42	69.4	T.	
Fort Apache.	98	57	76.7	4.02		Cedarville†.	100	41	68.2	0.54		Point Ano Nuevo L. H.				0.00	
Fort Huachua.	93	56	73.6	2.80		Centererville [*] .	99	58	68.0	0.00		Point Arena L. H.				0.00	
Gila Bend ^{*8} .	114	76	94.9	1.40		Chino ^{*5} .	96	51	71.4	0.00		Point Conception L. H.				0.00	
Giseela†.	104	68	81.6	1.75		Chico ^{*8} .	110	53	82.8	0.00		Point Fermin L. H.				0.00	
Holbrook†.	96	58	74.6	0.70		Cisco ^{*8} .	85	35	61.1	0.00		Point George L. H.				0.00	
Keams Canyon†.	95	48	70.7	1.50		Claremont.	92	45	70.4	0.00		Point Hueneme L. H.				0.00	
Maricopa ^{*8} .	117	72	93														

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>California—Cont'd.</i>																				
Riverside†	°	°	°	In.	In.															
Robertson's Mill	102	45	75.2	0.00	0.00															
Roe Island L. H.																				
Rosewood	111	46	78.6	T.																
Sacramento	98	47	71.4	T.																
Salinas																				
Saiton #	117	74	97.9	0.00	0.00															
San Bernardino†	100	44	74.0	0.00	0.00															
San Jacinto†	103	45	73.7	T.																
San Jose b	92	48	64.5	0.00	0.00															
San Leandro*	90	58	64.4	0.00	0.00															
San Luis L. H.																				
San Luis Obispo a				0.01	0.00															
San Mateo *d	88	57	63.5	0.00	0.00															
San Miguel *e	106	48	72.8	0.00	0.00															
San Miguel Island†	77	48	61.6	0.00	0.00															
Santa Ana *f	92	65	77.3	0.00	0.00															
Santa Barbara a	78	51	65.0	0.00	0.00															
Santa Barbara L. H.																				
Santa Clara a *g	86	50	65.4	0.00	0.00															
Santa Clara b	96	41	63.0	0.00	0.00															
Santa Cruz b†	98	47	62.8	0.00	0.00															
Santa Cruz L. H.																				
Santa Maria	85 ^a	46 ^a	66.0 ^d	0.00	0.00															
Santa Monica *g	75	60	66.4	0.00	0.00															
Santa Paula b†	79	46	61.3	0.00	0.00															
Santa Rosa **g	94	50	66.9	0.00	0.00															
Saticoy																				
Shasta				T.																
Shasta Springs	98	42	66.0	0.10	0.00															
Skye Valley																				
Sneddens Ranch																				
S. E. Farallone L. H.																				
Stanford University	93	47	65.7	0.00	0.00															
Stockton a	100	53	71.7	0.00	0.00															
Summerdale†				T.																
Susaville†	100	49	73.8	0.20	0.00															
Sutter Creek *g	98	42	69.7	0.00	0.00															
Tecate Dam *i	106	42	67.6	0.00	0.00															
Tejano Ranch	106	57	82.7	0.00	0.00															
Templeton *g	103	47	68.1	0.00	0.00															
Trinidad L. H.																				
Truckee *	95	34	62.9	0.00	0.00															
Tulare b																				
Turlock b†	112	45	76.2	0.00	0.00															
Ukiah†	104	42	70.6	0.00	0.00															
Upper Lake	104	45	73.8	T.																
Upper Mattole *g	98	44	68.8	0.00	0.00															
Vacaville a*	104	54	75.5	0.00	0.00															
Ventura†	78	50	64.0	T.																
Volcano Springs *g	124	72	108.4	0.00	0.00															
Walnut Creek	103	41	63.1	0.00	0.00															
Wenrich Ranch																				
West Point				T.																
Wheatland	106	51	75.0	T.																
Williams *g	106	57	80.0	0.00	0.00															
Willows b *g	105	57	81.3	0.08	0.00															
Wilmington *g	81	61	72.7	0.00	0.00															
Wire Bridge *	104	54	75.3	0.25	0.00															
Yerba Buena L. H.																				
Yreka†	106	39	68.8	0.68	0.00															
Yuba City *g	102	64	78.5	T.																
<i>Colorado.</i>																				
Alma†	71	32	50.6	3.42																
Antlers†	98	44	71.2	1.48																
Arkins																				
Boxelder																				
Breckenridge†	86	38	58.2	3.02																
Byers*	96	40	64.0	0.00																
Canyon†	96	51	72.8	1.71																
Capps																				
Castle Rock†	85	40	64.3	2.48																
Climax†	66	33	49.0	4.75																
Culberson																				
Colorado Springs†	89	45	65.4	1.88																
Cope†	100	52	74.6	0.65																
Craig																				
Crook	104	58	79.5	1.25																
Deer Trail *g	94	50	74.9	2.46																
Delta†	101	48	73.6	0.97																
Divide Exper. Station	87	41	62.2	1.63																
Downing†	95	40	69.2	2.53																
Dumont *g	88	44	63.5	2.25																
Durango†	85	48	66.9	2.81																
East Dale																				
First View *g	94		72.8	0.40																
Fleming																				
Fort Collins†	94	42	67.6	1.45																
Fox																				
Garnett																				
Glen Eyre†	82	46	63.4	2.46																
Gold Hill †	86	47	62.9	2.02																
Grand Junction†	97	57	76.1	2.24																
Gresley†	94	35	68.8	0.98																
Guilch	84	35	63.0	1.77																
<i>Colorado—Cont'd.</i>																				
Gunnison†	86	20	60.6	1.14																
Holly†																				
Holyoke a																				
Holyoke b	97	49	75.8	0.65																
Husted	95	41	68.																	

TABLE II.—*Meteorological record of voluntary and other cooperating observers*—Continued.

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Kansas—Cont'd.	°	°	°	In.	In.	Louisiana—Cont'd.	°	°	°	In.	In.	Maryland—Cont'd.	°	°	°	In.	In.
Horton †	96	55	74.7	8.37		Coushatta a†	98	68	81.7	2.45		Westminster	102	54	79.0	2.58	
Hutchinson †	100	54	77.5	5.17		Coushatta b†	98	68	81.7	2.24		Woodstock	96	50	74.7	1.11	
Independence	99	56	78.6	5.58		Covington †	96	68	81.0	8.84		Massachusetts.					
Ionia †			6.38			Davis	95	63	78.9	3.03		Adams	86	40	67.9		
Lawrence*†	94	58	74.2	12.30		Delhi †	94	68	82.0	6.72		Amherst	86	45	68.8	2.74	
Lebo†	98	55	76.6	8.83		Donaldsonville †	94	68	78.9	7.89		Amherst Ex. Station b	90	38	69.7	3.46	
Macksville †	102	53	77.2	4.20		Elm Hall	94	60	81.2	5.95		Andover				2.37	
McPherson†	93	58	75.6	6.88		Emelle †	94	60	81.2	4.01		Ashland				4.06	
Manhattan b	97	54	77.8	10.74		Farmerville	93	65	80.4	5.26		Bedford	87	44	67.8	3.18	
Manhattan c*†	110	60	73.7	10.73		Franklin †	94	69	82.0	6.30		Beverly Farms	81	48	65.8	4.30	
Marion	98	58	78.4	5.68		Grand Coteau	93	72	81.2	4.27		Blue Hill (summit)	87	46	69.0	2.80	
Meade †	106	55	81.3	0.35		Hammond †	94	69	80.4	4.21		Blue Hill (valley)	90	36	67.9	3.34	
Medicine Lodge	95	62	77.0	3.51		Jeanerette †	97	70	78.1	7.31		Boston a				3.28	
Minneapolis †	101	57	76.8	4.20		Lafayette †	96	69	82.0	6.86		Brockton a	89	45	69.7	3.81	
Morland †	101	51	73.6	3.65		Lake Charles †	96	68	82.1	2.84		Brockton b				3.08	
Morton †	97	52	75.4	1.34		Lake Providence †	95	68	81.4	6.19		Brockton c				3.75	
Mount Hope*†	94	68	77.0	7.79		Lawrence †	96	71	82.2	6.20		Cambridge a	89	45	69.7	3.90	
Ness City†	100	62	79.8	1.95		Liberty Hill	101	67	82.3	1.59		Cambridge b	89	49	71.2	4.71	
New England Ranch †	100	53	72.2	1.59		Maurepas	97	68	82.1	7.48		Chestnut Hill	92	48	70.4	3.91	
Norton †	99	51	72.8	2.46		Melville †	95	70	81.6	3.30		Clinton				3.15	
Norwich*†	99	60	79.0	5.86		Minden †	100	67	83.4	0.87		Cohasset				3.90	
Oberlin †			3.45			Monroe †	96	70	81.9	6.40		Concord †	89	40	68.5	3.45	
Olathe †	94	55	75.1	11.45		Natchitoches †	96	67	81.2	2.38		Dudley †	87*	44	69.1	2.91	
Oswego †	96	56	77.6	5.34		New Iberia	92	70	81.4	9.74		East Templeton*†	86	53	70.7	1.97	
Ottawa †	94	56	75.8	9.07		Oak Ridge †	97	66	82.4	6.70		Egg Rock, Nahant	81	48	66.2		
Paola †	94	62	77.7	9.30		Oberlin	95	68	81.4	3.90		Fall River	85	50	71.3	3.55	
Phillipsburg †	106	52	76.2	2.62		Opelousas †	96	69	82.2	5.32		Fishkill				4.80	
Pleasant Dale	100	54	76.5	5.58		Oxford †	95	64	79.0	6.53		Fitchburg a*†	85	42	67.4	2.09	
Quinter*†	102	51	76.8	3.25		Paincourtville †	95	65	80.7	8.83		Fitchburg b	87	41	68.9	2.16	
Rome*†	95	62	78.3	5.66		Plain Dealing	94	68	81.2	2.07		Framingham	87	40	67.9	4.00	
Russell	101	53	74.3	4.89		Rayne †	98	68	82.8	5.98		Gilbertville †				3.32	
Salina †	95	58	77.9	2.88		Schriever †	98	68	82.6	6.31		Groton	87	39	66.6	2.69	
Scott City	105	51	75.2	T.		Shell Beach	94	72	82.3	4.94		Hadley	89	37	68.3	3.18	
Sedan †	94	61	78.1	5.33		Southern University †	92	70	80.1	8.75		Hingham				4.33	
Sharon Springs*†	102	50	73.8	0.25		Sugar Ex. Station †	98	72	82.0	6.99		Hobbs Brook				3.03	
Tribune †	97	51	73.8	0.40		Sugartown †	94	69	81.1	8.05		Hyannis	88	54	73.8	3.80	
Wakefield*†	100	62	77.2	4.85		Thibodeaux						Hyde Park *6	90	60	70.1		
Wallace*†	100	54	78.5	0.00		Toledo	97	70	81.3	4.83		Lake Cochituate	86	34	67.9	3.96	
Wamego*†	94	56	75.3	10.07		West End	92	70	81.3	4.68		Lawrence	94	46	71.1	2.49	
Wellington						White Sulphur Springs						Leeds	87	39	68.1	3.81	
Witfield*†	104	56	81.5	6.88		Maine.						Leominster				1.62	
Winona*†	100	60	80.5	1.37		Bar Harbor	88	42	65.6	2.64		Long Plain *6	85	46	68.9	2.92	
Yates Center †	57	.....	7.19			Belfast *6	90	56	65.8	1.96		Lowell a	88	40	69.7	2.02	
Kentucky.						Calais †	83	46	65.0	2.60		Lowell b	89	42	68.3		
Alpha †	94	50	76.9	3.41		Cornish*†	84	50	66.1	3.10		Lowell c				4.10	
Blandville †	94	55	77.0	0.49		Fairfield	92	49	65.2	2.59		Lindlow Center	82	40	66.2	2.90	
Bowling Green a*†	98	52	73.7	3.52		Farmington †	91	43	67.4	5.38		Lynn a	83	45	68.8	4.55	
Bowling Green b†	94	58	78.1	3.68		Flagstaff †	90	37	61.9	3.54		Lynn b	86	47	69.2	3.06	
Burnside †			3.15			Gardiner	87	46	67.2	3.28		Mansfield *1	90	39	69.4	3.06	
Caddo †	99	57	77.7	0.95		Houlton †	84	33	63.6	3.10		Middleboro	86	39	68.0	2.94	
Canton*†	95	58	76.8	2.93		Kineo †	78	43	63.0	4.90		Milton	85	50	68.0		
Carrollton †	102	48	77.4	2.29		Lewiston	90	49	67.1	2.54		Monroe	83	36	63.4	3.27	
Catlettsburg †			2.50			Madison *1	92	52	66.6			Monson	86	40	69.1	3.45	
Cromwell †			1.74			Mayfield	85	36	62.9	3.86		Mount Nonotuck				3.64	
Custer †	92	52	76.0	1.40		Mayfield	86	47	66.8	2.98		Mount Wachusett				1.94	
Earlington	91	55	74.4	3.91		North Bridgton	86	47	66.8	2.98		Mystic Lake				5.81	
Edmonton †	90	52	72.6	1.79		Orono †	86	41	66.4	2.14		Mystic Station				5.29	
Elizabethtown †	92	55	76.1	1.50		Petit Menan*†	72	51	60.9			Natick *1	86	51	69.6	3.44	
Eubank †	97	49	75.4	1.01		Waterville						New Bedford a	86	48	69.6	3.02	
Falmouth†			1.13			West Jonesport*†	78	47	60.7			New Bedford b	86	47	69.7	2.51	
Fords Ferry †	96	53	78.8	2.00		Maryland.						North Billerica	87	43	68.2	2.88	
Frankfort †	94	56	76.8	0.16		Bachmans Valley *1	98	56	70.2	2.52		Pittsfield	82	45	64.2	2.88	
Franklin*†	92	63	77.9	2.80		Boettcherville *1	96	46	71.6	1.90		Plymouth				2.05	
Georgetown	94	52	75.9	.....		Charlotte Hall †	93	52	78.7	1.59		Provincetown	84	54	69.9		
Greendale*†	90	57	76.1	2.01		Cherryfields *2						Roberts Dam				4.83	
Greensburg*†	93	55	74.2	2.38		College Park	98	47	76.2	2.57		Roxbury	86d	47d	68.9d	2.72	
Harrods Creek †	96	54	77.6	1.28		Cumberland a†	94	50	74.0	1.81		Salem				4.96	
Hendersong	95	57	74.2	2.32		Cumberland b	93	54	77.2	1.69		Salisbury				3.09	
Hendricks			2.50			Darlington †	93	50	73.8	1.49		Somerset *1	96	47	73.9	4.18	
Lola †	94	50	76.0	2.27		Deer Park	90	31	60.0	1.31		Springfield Armory	89	43	70.6	3.70	
Louisa †	94	52	75.6	2.78		Great Falls *6	94	57	77.0	1.21		Taunton c	86	40	67.9	3.77	
Marrowsbone †	94	51	76.2	3.05		Green Spring Furnace	96	44	74.3	2.22		Taunton d	90	42	69.8	3.55	
Matlock			1.45			Hagerstown †	98	60	77.6	1.72		Turners Falls	88	44	69.3	3.17	
Mount Sterling †	93	48	73.8	3.45		Hancock	96	45	73.0	3.02		Wakefield †				3.67	
Paducah a†			2.20			Jewell †	94	50	70.8	1.51		Waltham				4.93	
Paducah b†	99	57	80.2	1.95		Johns Hopkins Hospital	98	50	77.3	1.80		Webster				3.41	
Pleasure Ridge Park †	95	51	75.4	2.07		Laurel	96	48	74.8	1.60		Westboro †	89	39	70.7	4.98	
Princeton †	97	52	78.8	1.67		Lisbon ^{2</}											

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Michigan—Cont'd.</i>						<i>Minnesota—Cont'd.</i>						<i>Missouri—Cont'd.</i>					
Cheboygan	86	41	63.0	In.	In.	Minnesota City†	93	40	69.0	2.30	In.	Edgehill*‡	92	56	74.2	3.11	In.
Climax				3.00	2.93	Montevideo†	102	36	69.6	2.25		Eight Mile*†	98	57	72.5	5.68	
Clinton	97	42	72.0	2.15		Morris†	97	34	68.4	1.76		Eldou*†	98	58	75.8	2.78	
Crisps* ¹⁰	85	45	61.1			Mount Iron†	88	34	60.8	3.29		Elmira	96	48	74.2	5.45	
Escanaba	89	52	69.2	3.63		Myrna*†	96	49	76.5			Emma*†	94	64	76.8	3.75	
Fairview	88	40	69.7	1.95		New London	97	40	70.0	2.08		Fairport				7.61	
Fitzburg	94	40	68.6	3.73		New Richland* ¹⁴	92	48	70.1			Farmersville				8.99	
Flint	95	37	68.4	3.36		New Ulm†	93	40	71.0	1.14		Fayette	95	54	75.0	3.62	
Grand Rapids	88	45	71.7	3.24		Park Rapids†	89	36	63.6	2.77		Fulton	96	55	74.7	1.67	
Grape	94	51	72.6	1.69		Pine River*†	86	45	65.0	2.33		Gallatin*†	95	55	74.7	8.07	
Grayling	92	39	64.6	2.03		Pleasant Mounds†	94	32	70.4	2.07		Gayoso*†	96	51	75.0	3.18	
Grindstone City* ¹⁰	89	40	63.1			Pokegama Falls†	87*	32	61.0	2.56		Glasgow	92	57	78.8	1.85	
Hammonds Bay* ¹⁰	86	48	65.9			Red Lake†	90	36	62.2	2.49		Gordonville*†	100	55	74.4	3.74	
Hanover	91	43	70.4	2.85		Redwing†						Gorin*†				5.65	
Harbor Springs	80	46	62.6	1.50		Reeds Landing						Grove Dale				2.87	
Harrisville	87	39	63.0	4.79		Rolling Green†	98	41	70.5	2.90		Half Way	98	55	75.0	2.78	
Hart		40	62.0	3.90		St. Charles†	92	40	65.8	2.33		Harrisonville†	95	55	74.8	7.90	
Hastings	91	44	70.0	3.55		St. Cloud	91	44	66.6	2.28		Hastain	97	55	76.1	3.45	
Hayes	92	40	66.0	1.98		St. Olaf	92	40	65.5	3.03		Hermann†				1.17	
Hespere	96	40	70.0	4.00		St. Peter†	98	40	69.0	2.01		Houston	94	58	74.5	4.01	
Holland* ¹⁰	84	53	70.6			Sandy Lake Dam ¹	95*	40	63.0	2.50		Honstonia (near)				2.87	
Howell	95	38	69.5	3.20		Sauk Center	95	38	65.0	2.17		Humansville	98	53	75.4	2.36	
Ivan	91	36	65.8	2.27		Shakopee* ¹	92*	46	70.5	2.06		Ironton*†	95	57	72.9	2.43	
Jeddo	94	42	68.0	2.58		Sunrise City* ¹	92	40	66.7			Jefferson City†	94	55	76.5	3.10	
Kalamazoo	94	50	72.7	4.68		Tower†	84	37	61.6	1.22		Kidder	96	55	74.3	9.92	
Lansing	91	44	69.6	5.33		Two Harbors†	85	42	65.0	2.68		Lamar				3.20	
Lathrop* ¹	85	40	62.1	2.23		Wabasha* ¹	98	49	68.6	2.19		Lamonte				2.98	
Lewiston	93	41	65.9	3.35		Willmar†	95	41	67.2	3.04		Langdon†	94	49	72.9	9.47	
Ludington* ¹⁰	85	50	67.1			Winona	94	50	71.4	2.71		Lebanon	90	59	75.2	3.63	
Madison	96	49	72.1	2.88		Worthington	94	41	70.2	1.68		Lexington†	98	55	74.6	4.86	
Manistee* ¹⁰	86	50	65.9			Zumbrota* ¹	94	46	68.8			Liberty	97	55	78.7	7.99	
Mayville	46	69.4	8.79									Louisiana Bridge†				5.08	
Middle Island* ¹⁰	86	50	64.3									McCune*†	98	54	74.2	5.88	
Mottville	88	43	71.5	4.56								Marble Hill	94	50	75.4	1.75	
Muskallongee Lake* ¹⁰	81	43	60.4									Marceline	92			9.18	
North Marshall	84	40	69.5	4.46								Marshall†	97	40	74.6	2.53	
Northport	88	43	64.0	2.95								Maryville* ¹	91	53	69.6	6.51	
Old Mission	86	46	67.4	8.13								Mexico†	97	50	75.8	2.81	
Olivet	90	43	70.6	4.64								Miami				3.15	
Ottawa Point* ¹⁰	87	48	66.6									Mine La Motte†	90	51	73.8	2.70	
Ovid	94	41	69.8	3.46								Mineral Springs	94	56	75.2	3.07	
Parkville				4.73								Mount Vernon	94	52	74.6	2.76	
Pentwater* ¹⁰	92	60	69.7									Nevada				4.68	
Point aux Barques* ¹⁰	90	46	67.4									New Haven* ¹	96	56	74.9	2.69	
Pontiac	90	41	68.6	2.75								New Madrid	99	57	80.5	3.60	
Rockland	88	42	62.0	2.40								New Palestine				2.28	
St. Ignace	80	40	61.0	2.30								Oakfield†	95	58	76.2	5.66	
St. Johns	96	43	72.4	2.50								Oak Ridge* ¹	95	59	76.0	2.52	
Sand Beach a	86	45	65.8	3.60								Olden†	94	56	76.7	4.89	
Sand Beach b* ¹⁰	90	43	66.4									Oregon a	94	57	75.4	8.06	
Saranac	92	40	68.8	3.88								Oregon b	94	55	74.0	8.26	
Ship Canal* ¹	95	44	65.1									Osceola†				2.95	
Standish	88	37	67.1	2.91								Otto				3.10	
Stanton	92	38	68.9	3.47								Palmyra* ¹	96	58	78.8	5.34	
Sturgeon Point* ¹⁰	89	39	64.7									Phillipsburg*† ¹	98	64	75.3	3.34	
Thorntown	94	44	71.2	4.11								Pickering* ¹	102	54	71.8	6.18	
Thunder Bay Island* ¹⁰	80	51	68.4									Pierce City* ¹	95	60	70.6	5.25	
Two Heart River* ¹⁰	34	46	68.8									Platte River* ¹	97	55	71.6	7.71	
Vandalia	95	48	72.2	4.05								Poplar Bluff	95	57	77.7	1.65	
Vermillion Point* ¹⁰	80	38	54.8									Potosi	92	46	73.5	2.88	
Ypsilanti	91	40	67.7	2.27								Princeton*†	98	50	75.9	6.31	
<i>Minnesota.</i>												St. Charles	98	54	76.0	2.33	
Albert Lea	92	46	70.2	3.00								St. Joseph†				8.14	
Alexandria a†												St. Louis	93	54	74.8	2.46	
Beardsley†	101	30	66.6	0.98								Sarcocie*†	98	66	75.5	5.58	
Belleplaine												Shelbina				5.79	
Bird Island	100	36	68.6	2.37								Steffenville				3.08	
Blooming Prairie†	94	44	69.1	2.50								Stelladat†	96	52	74.0	2.19	
Boniwell†	97	42	69.6	2.46								Sublett	90	48	72.5	5.40	
Caledonia†	92	46	70.5	1.93								Tindall				5.41	
Cambridge†	89	33	65.8	2.46								Trenton* ¹	104	57	70.7	7.90	
Camden†	97	38	68.4	3.06								Unionville†	104	50	75.8	5.71	
Campbell†	94	35	65.0	2.71								Vermont*† ¹	93	58	73.4	2.19	
Carver†												Versailles				1.68	
Clear Lake†	97	38	67.2	2.82								Villas				5.07	
Clear Water* ¹	92	46	64.7	1.39								Virgil City				8.68	
Collegeville	98	43	70.2	1.60								Warrensburg* ¹	100	62	73.2	1.47	
Crookston†	94	38	64.8	3.00								Warrenton	92	57	75.9	1.78	
Farmington†	96	41	69.6	1.16								Wheatland				1.88	
Fergus Falls†	91	37	65.4	2.32								Willow Springs	103	53	77.4	3.26	
Glencoe†	97	38	67.2									Zettonia* ¹	98	56	73.2	2.34	
Glenwood	98	37	68.8	1.28								<i>Montana.</i>					
Grand Meadow†	95	40	69.9	1.88								Big Timber	97	39	67.0	1.88	
Grand Portage†	90	40	57.9	1.77								Billings†	101	40	71.8	1.51	
Granite Falls†	102	34	69.9	1.52								Boulder†	89	35	61.8	0.06	
Hutchinson†	98	3															

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Montana—Cont'd.	o	o	o	In.	In.	Nebraska—Cont'd.	o	o	o	In.	In.	Nevada—Cont'd.	o	o	o	In.	In.
Grantsdale	93	19	63.4	0.12		Nebraska City ^a * ¹	90	57	71.2	6.15		Tybo	96	38	70.8	0.05	
Great Falls†	97	40	66.4	0.20		Nebraska City ^b * ¹	96	56	72.8	6.02		Verdi [*] 1	100	40	67.0	0.07	
Hogan†	93	35	60.2	1.00		Nemaha City ¹	98	59	72.8	6.44		Wadsworth [*] 1	134	48	72.4	0.05	
Kipp†	92	23	56.9	0.04		Nesbit†	104	50	77.6	1.92		Wells	98	30	65.1	0.59	
Libby†	106	26	63.2	0.10		Norfolk†	94	43	74.0	4.19		New Hampshire.					
Manhattan†	93	26	62.2	0.55		North Loup†	97	47	70.8	4.98		Alstead [*] 6	84	42	67.8	1.98	
Martinsdale†	96	23	61.9	1.03		Oakdale†	93	45	71.7	5.07		Belmont					3.72
Marysville†	93	37	63.4	0.42		Odell*	98	54	77.4	8.59		Berlin	88	35	62.0		
Pony	96	41	65.6	1.00		Omaha ¹	96	56	74.5	6.72		Berlin Mills	85	39	61.6	4.30	
Poplar	99	80	65.8	0.39		O'Neill ¹	100	49	71.8	2.88		Bethlehem	84	40	68.8	4.47	
Troy†	96	31	62.6	0.23		Osceola				4.40		Brookline [*] 1	86	48	68.6	2.76	
Utica ¹	95	36	66.0	...		Ord†	99	48	73.9	3.43		Concord	89	39	68.1	3.85	
Virginia City†	87	39	63.2	0.88		Ough†				1.50		Dublin	90	40	65.8	4.63	
White Sulphur Springs†	88	33	60.6	1.90		Palmer ^a	100	58	73.8	5.00		Grafton	85	35	64.4	3.90	
Wibaux†	105	35	69.8	0.89		Palmer ^b				4.81		Hanover	83	38	65.0	3.40	
Yale†	96	32	68.1	0.98		Plattsburgh ^a				7.24		Keene	87	35	65.5	3.91	
Nebraska.						Plattsburgh ^b	99	60	78.3	7.24		Lakeport					4.25
Agee [*] 1	101	53	71.0	2.81		Potter [*] 1	98	48	72.0	0.10		Lancaster					3.88
Albion†	98			2.39		Ravenna ^a	97	49	72.5	3.09		Mine Falls					3.25
Alliance				0.81		Ravenna ^b	98	58	75.5	2.99		Nashua	91	41	68.8	3.36	
Ansley†	96	46	71.7	2.68		Red Cloud ^a				4.47		Newton	88	39	67.3	2.69	
Arapaho				3.49		Red Cloud ^b	101	60	76.7	2.70		North Conway	85	43	65.4	2.68	
Arborville ¹	104	52	75.4	8.91		Republican						Pennichuck Station					3.19
Arcadia [*] 1	98	48	73.8	3.60		St. Paul ¹	97	50	73.4	4.12		Peterboro	88	41	64.8	2.67	
Ashland ^a †	99	44	73.8	6.36		Salem ¹	94	54	75.4	9.65		Plymouth	90	42	65.1	3.99	
Ashland ^b †	100	59	76.5	6.07		Santee Agency†	103	46	75.4	1.80		Sanbornton†	83	40	64.2	4.40	
Ashton	98	46	73.2	3.05		Schuyler				4.42		Stratford	93	37	65.7	4.40	
Auburn ¹ †	100	53	74.6	5.61		Senechi ¹	100	52	74.0	0.94		Sugar Hill	79	41	68.0		
Aurora [*] 1	98	52	74.8	4.06		Seward ⁶	98	50	77.4	5.19		Weirs Bridge					3.94
Bancroft				5.16		Spencer				1.05		West Milan	85	36	59.6	3.67	
Bassett	100	43	71.0	1.74		Springfield [*] 1	96	54	72.9	5.70		Wolboro					4.80
Beatrice†	99	50	75.1	3.79		Springview	103	39	71.3	1.73		New Jersey.					
Beaver City	101	50	74.5	3.14		Stanton ¹	97	50	70.9	4.43		Allaire	94	42	73.4		
Benkelman [*] 1	104	56	74.9	1.21		State Farm	102	49	75.0	3.86		Asbury Park	96	53	72.8	0.99	
Blue Hill ¹	100	60	75.1	7.56		Strang [*]	98	60	78.8	4.18		Barnegat	99	51	74.9	0.68	
Bratton [*] 1	95	54	74.1	6.84		Superior ²	98	56	75.8	6.90		Bayonne	95	48	75.6	5.06	
Broken Bow ¹	98	50	72.8	3.04		Sutton	94	50	70.6	7.99		Beachhaven	95	59	75.1	0.55	
Burchard [*] 1	95	60	76.6	7.28		Syracuse				2.65		Belvidere	94	43	72.1	3.32	
Burwell [*] 1	94	54	75.6	4.63		Tecumseh ^a	97	48	73.6	6.03		Beverly ¹	99	49	76.4	1.89	
Callaway†	96	49	70.9	6.35		Tecumseh ^b				5.73		Billingsport	96	56	76.4	0.78	
Central City ⁵	100	55	78.9	2.89		Tekamah	101	48	73.3	4.70		Blairstown	97	47	76.1	2.75	
Chadron				0.60		Theford [*] 1	103	52	73.3	1.65		Boonton	94	43	73.2	2.36	
Chester ¹	100	68	73.8	6.79		Turlington ¹	102	51	73.6	2.96		Bridgeton	97	56	78.2	0.71	
Columbus†	97	49	72.8	4.53		Wakefield				2.88		Camden	98	52	75.7	1.22	
Cornlea				4.04		Weeping Water ¹	94	48	69.6	3.04		Cape May	95	56	75.8	0.66	
Creighton	97	40	71.2	2.83		Weston ⁵	98	60	76.4	5.90		Cape May C. H. ¹	98	55	76.0	2.20	
Crete	98	53	75.6	6.29		Whitman ¹	98	50	70.8	6.69		Charlottesville	89	35	67.5	2.38	
Culbertson				3.96		Wilber ¹	100	54	74.8	6.62		Chester	88	44	70.3	4.66	
Curtis ^a †	101	49	74.4	3.34		Wilcox				5.37		Deckertown	92	40	71.2	3.91	
Curtis ^b †	102	51	78.2	2.90		Wilsonville ¹	104	58	72.9	2.28		Dover	98	40	71.9	2.37	
David City ¹ †	96	53	71.5	5.05		Woodlawn				2.98		Egg Harbor City	97	47	75.0	0.52	
Divide [*] 1	96	54	74.0	2.06		York ¹	98	56	77.4	4.44		Elizabeth ¹	98	47	74.4	4.80	
Dunning [*] 1	98	55	72.9	2.93		Nevada.						Englewood	92	43	72.6	3.45	
Edgar ¹	98	60	78.4	4.80		Austin	98	39	67.7	0.14		Franklin Furnace	92	39	70.4	2.63	
Elba				3.86		Battle Mountain ¹	101	53	71.0	0.00		Friesburg					1.29
Elwood				3.63		Belmont	90	80	68.6	0.01		Gillette	94	42	71.2	4.06	
Ericson ¹ †	100	56	78.0	2.26		Beowawe ¹	103	48	71.8	T.		Hampton					1.20
Ewing†				2.68		Candelaria	100	44	75.4	T.		Hanover	89	45	71.2	3.90	
Fairbury	100 ⁴	55 ⁵	75.8 ⁴	7.83		Carlin ¹	92	24	63.9	0.50		Hightstown	94	47	75.8	1.31	
Fairmont [*] 1	98	54	73.8	3.68		Carson City	98	34	65.0	0.04		Imlaytown	96	49	76.6	0.66	
Filley				4.35		Cloverdale				0.60		Junction					3.86
Fontanelle	99	51	73.5	7.78		Clover Valley†				T.		Lambertville	95	45	75.4	4.08	
Fort Robinson	98	45	71.0	0.68		Cortez†				T.		Millerville	100	51	77.9	1.73	
Franklin†	98	40	71.0	4.26		Cranes Ranch				0.14		Moorestown	97	50	76.4	0.63	
Geneva ¹	100	52	75.4	4.73		Darrough Ranch				T.		Newark ^a	90	51	74.4	3.92	
Genoa†	98	54	74.2	5.10		Downeyville	111	45	73.0	T.		Newark ^b	92	52	75.2	3.41	
Geringt	98	52	72.4	0.18		Elko [*] 8	99	45	70.6	0.27		New Brunswick ^a	96	47	75.4	4.50	
Gibbon	97	54	73.8	4.11		Elko (near)	102	40	66.3	0.50		New Brunswick ^b	92	46	72.6	4.42	
Gothenburg	101	50	75.0	3.67		Ely	95	30	65.8	0.65		Newton	91	34	66.9	3.33	
Grand Island ¹ †	106	58	77.8	4.98		Empire Ranch†	108	39	75.8	0.18		Oceanic City	96	57	76.8	0.16	
Greeley				3.94		Fenelon ¹	99	40	67.7	0.30		Paterson	93	48	73.6	4.37	
Haliger				0.83		Genoa	97	50	70.3	...		Perth Amboy	94	49	75.0	3.75	
Hartington†	92	42	69.8	3.92		Goleonda ¹	100	50	72.4	0.00		Plainfield	96	46	75.4	2.66	
Harvard ¹ †	102	58	74.2	4.33		Halleck ¹	102	40	66.3	0.50		Rancocas [*]	98	56	76.7	0.87	
Hastings [*] 1	95	50	71.6	6.68		Hawthorne ^a	97	52	78.0	0.06		Readington ¹	98	56	76.1	...	
Hayes Center†				3.17		Hawthorne ^b	102	39	73.5	0.06		River Vale	91	39	71.4	3.79	
Hay Springs†	102	41	70.3	0.90		Hot Springs ¹	102</td										

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>New Mexico—Cont'd.</i>	°	°	°	Ins.	Ins.	<i>New York—Cont'd.</i>	°	°	°	Ins.	Ins.	<i>Ohio—Cont'd.</i>	°	°	°	Ins.	Ins.
Espanola †.	93	51	71.8	0.84		West Point †.	92	52	72.0	3.42		Bement * 1.	85	40	66.4	7.09	
Fort Bayard.	91	51	70.4	2.09		Willets Point.	93	49	73.9	4.55		Benton Ridge.	93	45	73.5	2.83	
Fort Stanton †.	89	49	67.0	1.61		Asheville †.	89	48	72.0	5.08		Bethany.	100	44	75.8	2.34	
Fort Union †.	84	46	65.1	2.72		Bakersville.	93	40	69.9	5.57		Big Prairie.	96	47	71.2	2.52	
Fort Wingate.	96	45	70.5	2.70		Blowing Rock †.	93	41	66.0	5.88		Binola.	94	52	74.0	5.36	
Galisteo †.	89	53	71.2	2.13		Bryson City †.	98	55	78.1	6.56		Bissells.	91	45	69.6	6.14	
Gallinas Spring †.	90	55	72.5	3.10		Chapel Hill †.	98	55	78.1	4.46		Bladensburg.	96	43	71.1	3.44	
Gila.	98	60	78.3	8.14		Currinck Inlet †.	94	60	78.2	3.53		Bloomingburg.	96	48	74.9	0.84	
Las Cruces.	94	53	74.8	3.19		Experimental Farm †.	94	60	78.2	11.42		Bloomington.	96	40	72.1	2.49	
Lordsburg * 8.	95	66	77.4	0.45		Fair Bluff †.	93	64	75.7	7.30		Bowling Green.	96	50	72.5	3.50	
Los Lunas †.	95	51	73.8			Falkland * 1.	92	62	78.0	6.56		Bucyrus.	95	41	72.0	3.29	
Lower Penasco †.	91	52	70.5	3.92		Fayetteville †.	92	57	79.8	8.71		Cambridge.	108	50	78.1	1.94	
Monero †.	88	40	68.5	2.53		Flat Rock.	98	57	76.6	5.04		Camp Dennison.	98	46	72.1	4.81	
Ocate †.	84	43	68.6	3.89		Greensboro †.	94	56	76.5	5.37		Canton †.	97	40	70.0	2.90	
Olio.	99	48	73.1	0.16		Greenville.	96	57	78.2			Cardington.	94	43	70.2	2.70	
Pecos.						Henderson †.	96	57	78.2	2.95		Cedarville.	94	56	77.3	0.70	
Puerto de Luna †.	94	59	75.1	4.07		Highlands.	92	45	66.4	8.70		Celina.	98	50	75.1	1.31	
Raton †.	92	44	69.2	0.12		Horse Covert.	98	61	71.6	12.54		Cherry Fork.	101	43	75.6	1.77	
Rincon †.	98	44	77.3	2.71		Lemoir * 1.	94	56	78.6	7.41		Circleville a †.	100	46	76.2	1.74	
San Marcial †.	90	50	71.0	4.26		Linville †.	98	58	85.0	6.89		Circleville b.	96	44	74.1	1.59	
Taost.	95	42	68.6	3.20		Littleton †.	97	53	77.6	4.99		Clarksville.	92	48	70.4	4.08	
<i>New York.</i>						Louisburg †.	95	55	77.4	3.81		Cleveland.	92	48	76.1	1.44	
Addison.	91	37	68.1	3.82		Lumberton †.	92	44	79.4	8.47		Clifton.	108	39	75.5	1.85	
Alfred Center.	89	40	68.4	4.37		Lynn * 1.	92	57	73.7	11.06		Coultton.	92	37	69.8	3.00	
Angelica †.	91	32	65.0	3.96		Mocksville †.	90	55	75.5	3.67		Colebrook.	100	45	75.4		
Appleton.	86	41	67.4	2.20		Moncure †.	94	53	76.5	6.47		Cynthiana *	98	51	76.5	3.05	
Arcade.	90	38	65.9	5.71		Morganston * 1.	92	57	73.8	3.99		Dayton a.	98	50	74.1	2.25	
Arkwright.	88	46	66.4			Mount Airy †.	93	48	73.0	5.27		Dayton b †.	98	50	74.1	0.58	
Atlanta.				5.80		Mount Pleasant.	94	53	77.3	4.97		Demos.	98	46	74.1	3.01	
Baldwinsville.	91	46	69.9	2.48		Murphy †.	97	60	80.2	4.54		Dupont.	95	38	70.9	2.08	
Bedford.	88	41	70.6	3.68		Newbern †.	97	52	75.6	3.62		Ellsworth.	96	45	74.0	5.53	
Big Sandy * 10.	87	46	68.5			Oak Ridge †.	97	52	75.6	4.00		Elyria.	94	56	71.8		
Binghamton †.	93	35	68.6	3.99		Panitego.	92	53	74.8	5.36		Fairport Harbor * 10.	94	49	74.4	1.32	
Bloomerville.				3.15		Pittsburgh.	98	65	79.3			Fayetteville.	95	46	71.7	2.22	
Brentwood.	90	41	71.0	3.20		Raleigh * 1.	93	65	79.0			Findlay.	92	52	73.5	0.68	
Brookfield.	84	44	68.2	3.43		Rockingham †.	97	58	80.2	6.37		Frankfort.	94	45	73.6	3.38	
Brooklyn.	90	58	76.1	3.62		Roxboro †.	97	52	77.6	2.33		Garretttsville.	94	35	69.6	2.87	
Charlotte * 10.	82	36	64.3			Rutherfordton †.	97	52	73.0	4.77		Granville.	96	41	70.6	3.43	
Cherry Creek.				6.43		Salem.	98	51	77.5			Gratiot.	94	45	72.7	4.02	
Cooperstown †.	83	42	65.8	7.15		Salisbury.	98	59	78.9	8.48		Greenfield.	95	48	75.2	1.70	
Corlford.	90	35	66.7	5.55		Saxon †.	97	48	76.8	4.23		Greenhill.	96	38	70.1	4.02	
De Kalb Junction.				4.84		Selma.	96	55	77.4	6.26		Greenville.	92	47	72.6	1.58	
Deposit.				4.82		Skyuka.	97	50	76.8	2.99		Hackney.	94	46	74.4	3.50	
Elmira * 1.	93	46	71.9	4.04		Sloan †.	95	57	78.4	8.79		Hedges.	99	43	74.5	3.80	
Fleming.	89	45	69.6	3.03		Soapstone Mount †.	94	60	74.8	5.51		Hillhouse.	92	44	69.6	3.83	
Fort Niagara †.	91	43	69.8	1.69		Southern Piney †.	98	68	79.0	5.93		Hillshoro.	101	43	74.9	2.76	
Friendship.	92	33	66.2	3.74		Southport †.	95	65	79.4	6.40		Hiram.	92	46	70.4	3.16	
Glen's Falls.	88	38	67.0	4.98		Tarboro.	98	54	78.6	7.44		Hudson.	96	41	70.8	5.91	
Gloversville.	87	37	66.0	5.15		Waynesville.	99	45	70.4	7.05		Jacksonboro.	101	51	78.1	3.55	
Hamilton.	92	33	66.0	4.14		Weldon †.	96	56	78.0	4.07		Kenton †.	100	47	78.0	1.32	
Haskinyville.				4.09		Willeyton.	95	57	77.6	3.66		Killbuck.	90	46	76.3	4.87	
Honeymead Brook.	91	40	69.8	1.73		<i>North Dakota.</i>	104	34	66.1	1.19		Leipsic.	97	42	71.1	3.94	
Humphrey.	88	39	66.2	8.71		Ashley †.	101	27	65.7	1.21		Levering.	93	35	68.8	3.48	
Ithaca.	89	41	69.2	4.12		Berlin.	98	32	61.7	1.00		Logan.	100	43	74.7	6.52	
Kings Station.				8.86		Bottineau.	98	30	63.3	2.20		Lordstown.	95	34	69.0	2.90	
Lebanon Springs.	89	36	67.2	2.84		Church's Ferry.	96	30	63.3			McArthur.	101	43	74.1	2.50	
Le Roy.	86	44	66.4	1.65		Coal Harbor.	95	36	66.0	0.63		McConnellsille.	97	46	74.7	3.85	
Lowville.	87	35	64.8	3.93		Dickinson †.	98	24	64.5	0.51		Marietta a †.				2.64	
Lyons.	89	46	69.8	3.89		Ellendale †.	103	40	70.1	1.38		Marietta b.	97	48	75.0	2.62	
Madison Barracks †.	82	29	67.6	3.05		Fargo †.	92	30	64.1	1.59		Marion.	98	44	72.9	1.80	
Malone.	87	38	64.7	7.75		Forman †.	103	20	64.8	1.65		Media.	95	43	71.5	4.21	
Manhattan Beach †.	83	54	70.4	3.64		Fort Berthold †.	100	34	69.8	0.28		Milfordton.	101	44	72.5	2.88	
Massena.	85	38	64.1	5.82		Fort Yates †.	100	34	68.5	0.36		Milligan.	100	39	73.6	3.73	
Mount Morris.	91	40	68.0	3.41		Gallatin †.	100	26	64.6	1.06		Millport.	92			5.10	
Newark Valley.				4.13		Grafton †.	96	34	62.7	1.35		Montpelier.	95	44	71.4	4.92	
New Lisbon.	89	32	64.9	5.76		Jamestown †.	93	36	68.2	1.38		Napoleon.	97	45	72.4	1.74	
North Hammond †.	86	42	68.0	3.48		Lakota.	93	35	61.6	2.03		New Alexandria.	93	45	73.1	4.06	
Number Four †.	85	33	62.4	5.82		Larinore †.	97	35	66.7	0.95		New Berlin.	96	43	72.2	5.48	
Ogdensburg.	90	44	67.6	2.61		McKinney.	98	30	63.4	1.45		New Bremen.	98	44	74.3	3.20	
Oneonta.	91	36	66.9	3.77		Milton †.	98	31	63.4	2.68		New Comerstown.	96	45	72.2	3.08	
Oxford.	92	34	67.1	4.59		Minto †.	99	34	65.4	0.67		New Holland.	95	46	74.5	2.88	
Palermo †.	92	37	67.5	3.61		Napoleon †.	97	30	67.2	1.16		New Moscow.				4.95	
Perry City.	89	35	66.6	4.67		New England City †.	100	38	64.4	0.00		New Paris.	102	62	77.9	1.87	
Pine City.				3.98		Oakdale †.	98	36	64.8	0.95		New Waterford.	93			5.00	
Pittsford.	82	42	68.0	3.67		Portal †.	97	32	63.1	3.25		North Lewisburg.	99	44	73.3	2.00	
Plattsburgh Barracks.	81	40	65.5	4.30		Power †.	90	34									

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Ohio—Cont'd.</i>																	
Rocky Ridge	98	47	73.2	2.20	In.	Salmon	90	32	57.0	.....	.....	Pennsylvania—Cont'd.	90	49	72.5	In.	In.
Rosewood	95	45	72.6	2.88		Sheridan * ^s	100	47	67.6	0.16		Trout River	92	49	73.5	3.71	3.71
Sharon Center	98	57	78.5	3.85		Silverton * ^s	98	47	65.6	0.38		Uniontown	94	49	72.5	3.76	3.76
Shenandoah	96	45	71.8	2.93		Siskiyou * ^s	100	50	70.3	0.00		Warren	92	36	63.0	4.65	4.65
Springboro	.....	.....	.....	2.22		Sparta	92	37	67.0	0.47		Wellsboro * ^t	96	52	75.3	2.28	2.28
Steubenville	.....	.....	.....	8.16		Springbrook	92	45	67.7	0.37		West Chester	90	52	75.3	3.53	3.53
Stoutsburg	.....	.....	.....	8.21		The Dalles †	98	45	66.9	0.00		West Newton	92	36	60.1	2.87	2.87
Sylvania	100	48	72.1	3.50		Tillamook Rock L. H. †	.....	.....	.....	.....		White Haven	92	40	72.0	4.97	4.97
Thurman	103	46	76.9	1.65		Umatilla †	.....	.....	.....	.....		Wilkesbarre †	92	45	71.7	2.38	2.38
Tiffin †	91	50	73.0	1.77		Vale	98	35	67.8	0.32		Williamsport	100	44	71.5	2.41	2.41
Upper Sandusky	92	44	72.5	2.76		West Fork * ^s	108	48	68.6	0.16		York †	.....	.....	.....	.....	.....
Vanceburg	99	47	78.4	3.45		Weston	90	40	65.8	T.		<i>Rhode Island.</i>	.....	.....	.....	.....	.....
Van Wert	98	45	73.3	1.84		Williams	100	35	64.8	0.00		Bristol	.....	.....	.....	.....	.....
Vermilion	94	47	71.8	8.87		<i>Pennsylvania.</i>	.....	.....	.....	.....		Kingston	87	45	68.4	2.70	2.70
Vickery	95	50	72.5	1.77		Altoona *	92	46	72.7	1.64		Lonsdale	87	46	70.7	2.44	2.44
Walnut	.....	.....	.....	2.11		Aqueduct	101	42	74.2	2.29		Pawtucket	88	52	74.3	2.71	2.71
Warren	95	34	70.0	2.28		Beaver Baynt	.....	.....	.....	.....		Providence a	88	48	70.9	2.93	2.93
Wauseon	99	45	73.1	2.82		Bethlehem	.....	.....	.....	.....		Providence c	.....	.....	.....	.....	.....
Waverly	100	46	76.9	1.76		Blooming Grove * ^s	92	45	69.1	2.80		<i>South Carolina.</i>	.....	.....	.....	.....	.....
Waynesville	.....	.....	.....	2.45		Brookville	.....	.....	.....	.....		Allendale †	95	64	80.0	11.18	11.18
Wellington	95	45	73.2	4.84		Browns Lick	.....	.....	.....	.....		Anderson †	.....	.....	.....	.....	.....
Westerville	95	46	72.9	3.09		Carlisle	98	45	74.8	4.70		Batesburg †	98	60	80.8	6.54	6.54
Wheeler †	95	46	72.9	2.80		Cassandra	98	42	68.8	2.27		Blackville †	94	65	80.4	9.70	9.70
Willoughby	.....	.....	.....	2.30		Center Hall	.....	.....	.....	.....		Camden †	.....	.....	.....	.....	.....
Wooster a	94	42	70.9	2.90		Chambersburg †	95	45	71.5	5.31		Central †	94	55	77.5	7.07	7.07
Youngstown	96	40	69.9	3.16		Clarion †	.....	.....	.....	.....		Cheraw a †	96	58	73.3	8.51	8.51
Zanesville †	.....	.....	.....	3.55		Coatesville	98	46	74.9	2.65		Cheraw b †	94	62	78.9	9.68	9.68
<i>Oklahoma.</i>	.....	.....	.....	.....		Confluence †	.....	.....	.....	.....		Conway †	.....	.....	.....	.....	.....
Alva †	104	62	80.1	6.25		Coopersburg	95	48	74.3	3.29		Darlington * ^s	96	70	80.2	8.54	8.54
Anadarko	106	63	83.3	2.88		Davis Island Dam †	.....	.....	.....	.....		Edisto †	.....	.....	.....	.....	.....
Arapaho †	100	62	79.4	5.46		Doylestown	.....	.....	.....	.....		Efingham †	.....	.....	.....	.....	.....
Britton †	.....	.....	.....	5.93		Driftwood	.....	.....	.....	.....		Florence †	96	63	81.8	4.06	4.06
Burnett †	97	58	80.0	4.55		Dubois †	.....	.....	.....	.....		Georgetown †	98	65	80.4	7.33	7.33
Clifton †	98	64	80.0	5.20		Duncannon	.....	.....	.....	.....		Gillisonville †	101	62	81.1	7.02	7.02
End †	104	61	81.2	6.68		Dyberry †	92	32	67.4	3.64		Greenville †	90	60	77.0	4.84	4.84
Fort Reno †	101	61	80.4	4.45		East Bloomshurg	.....	.....	.....	.....		Greenwood †	96	60	79.4	10.04	10.04
Fort Sill	103	66	80.9	2.10		East Mauch Chunk	97	36	71.0	2.12		Holland †	98	58	77.2	12.00	12.00
Guthrie †	99	64	81.2	7.99		Edinboro *s	88	41	68.2	3.25		Kingtree a †	95	67	81.4	9.04	9.04
Hennessey	.....	.....	.....	4.73		Ellwood Junction †	.....	.....	.....	.....		Kingtree b †	.....	.....	.....	.....	.....
Keokuk Falls †	98	60	79.2	3.30		Emporium	90	40	68.6	2.93		Little Mountain	97	63	79.0	4.91	4.91
Mangum †	105	67	79.4	2.82		Farrandsville	.....	.....	.....	.....		Longshore †	94	62	78.0	6.78	6.78
Normant	105	63	82.3	5.43		Forks of Neshaminy * ^s	90	50	73.4	4.26		McCormick * ^t	97	66	77.8	11.33	11.33
Ponca †	101	59	79.6	5.73		Frederick	.....	.....	.....	.....		Mount Carmel †	.....	.....	.....	.....	.....
Pond Creek †	100	56	78.7	3.37		Freeport †	.....	.....	.....	.....		Pinopolis * ^s	98	69	74.0	11.53	11.53
Prudence	.....	.....	.....	5.26		Gettysburg †	99	46	71.4	2.37		Port Royal †	95	71	82.9	6.07	6.07
Sac and Fox Agency †	99	60	78.7	10.10		Girardville	.....	.....	.....	.....		Red Hill * ^s	98	67	75.8	9.88	9.88
Stillwater †	97	60	79.8	4.97		Grampian	94	42	69.7	3.08		Ridgeway †	98	61	78.0	7.81	7.81
Winniewlet	101	61	79.2	5.71		Greensboro †	.....	.....	.....	.....		St. George †	94	64	80.3	7.49	7.49
<i>Oregon.</i>	.....	.....	.....	.....		Hamburg	97	44	74.8	2.42		St. Matthews †	96	66	80.5	11.58	11.58
Albany a †	101	42	65.8	0.15		Hollidaysburg	96	43	72.0	2.03		St. Stephens †	.....	.....	.....	.....	.....
Arlington †	101	47	72.3	0.09		Huntingdon †	98	38	72.0	1.46		Saintuck †	94	62	77.9	7.11	7.11
Ashland b	104	38	66.8	0.06		Huntingdon b	.....	.....	.....	.....		Shaws Fork * ^s	98	68	81.0	8.26	8.26
Aurora * ^s	97	45	68.7	0.33		Karthaus	.....	.....	.....	.....		Society Hill †	92	59	77.7	4.27	4.27
Aurora (near)	97	38	63.6	0.38		Keating	.....	.....	.....	.....		Spartanburg †	95	57	79.5	6.18	6.18
Bandon	97	47	65.6	0.04		Kennett Square	96	47	74.1	2.93		Statesburg †	91	64	78.4	4.77	4.77
Beulah †	97	35	66.0	0.20		Lansdale	.....	.....	.....	.....		Trenton	91	61	79.5	11.49	11.49
Brownsville * ^s	103	50	68.5	0.06		Lebanon	100	43	74.6	1.97		Trial †	95	61	79.7	10.85	10.85
Burns	97	18	58.7	.....		Le Roy †	90	44	69.0	3.81		Yemassee †	93	64	77.9	8.82	8.82
Canyon City †	104	41	70.2	0.35		Lewisburg	96	40	72.4	1.29		Yorkville	93	60	77.8	4.69	4.69
Comstock * ^s	97	42	65.1	0.05		Lock Haven †	97	48	73.4	3.27		South Dakota.	.....	.....	.....	.....	.....
Condon	97	38	65.4	0.73		Lock No. 4 †	97	40	73.4	2.36		Aberdeen †	100	34	69.4	2.59	2.59
Corvallis a	96	40	64.6	T.		Lycippus	91	51	72.1	3.94		Alexandria †	104	34	69.0	0.27	0.27
Corvallis (near)	100	48	67.2	0.11		Mahoning †	.....	.....	.....	.....		Ashcroft †	106	37	67.6	1.37	1.37
Detroit †	105	39	67.0	0.14		Mifflin	.....	.....	.....	.....		Bowdrie * ^t	98	39	69.9	1.04	1.04
Eugene †	105	37	66.0	0.20		Nisbet	.....	.....	.....	.....		Brookings †	98	36	67.4	2.15	2.15
Fife †	98	45	65.4	T.		Oll City †	.....	.....	.....	.....		Castlewood †	98	33	67.8	1.37	1.37
Glenora	100	32	61.4	0.27		Ottsville	.....	.....	.....	.....		Cross †	94	37	62.6	1.16	1.16
Grants Pass a †	103	37	67.0	0.20		Parker †	.....	.....	.....	.....		De Sinet †	.....	.....	.....	.....	.....
Happy Valley †	98	38	63.2	0.12		Philadelphia a	97	56	77.1	0.52		Farmingdale	.....	.....	.....	.....	.....
Heppner †	95	41	67.0	0.69		Philadelphia b	97	56	77.1	0.52		Faulkton †	102	37	68.6	1.13	1.13
Hod River (near)	91	42	68.4	0.15		Philadelphia c	95	52	76.9	0.37		Flandreau †	98	34	69.2	1.48	1.48
Hubbard	98	37	68.4	0.46		Point Pleasant	.....	.....	.....	.....		Forestburg †	101	33	70.9	1.66	1.66
Irvington *	91	45	68.0	1.00		Pottstown	96	48	75.8	4.42		Forest City †	102	48	73.4	0.65	0.65
Jacksonville	103	41	68.0	0.04		Quakertown	97	49	72.6	2.13		Fort Meade					

TABLE II.—*Meteorological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.						
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.					
<i>South Dakota—Cont'd.</i>						<i>Tennessee.</i>						<i>Texas—Cont'd.</i>						<i>Virginia—Cont'd.</i>				
Wessington Springs†	93	46	71.8	2.82	Ins.	Andersonville†	98	51	74.4	3.76	Ins.	Lufkin†	100	68	85.6	1.94	Ins.	Grahams Forge	90	0	0	Ins.
Yankton.....	99	47	72.9	1.05		Arlington†	98	62	78.9	0.49		Luling†	102	72	84.9	2.31		Hampton	94	46	71.3	4.72
<i>Tennessee.</i>						Bolivar†	98	62	78.8	0.95		Marshall†	98	67	81.2	1.45		Hot Springs	90	54	71.0	2.18
Andersonville†	98	51	74.4	3.07		Midland†	96	69	80.1	1.78		Menardville†	96	67	78.2	1.69		Irwin†	98	49	77.4	0.91
Arlington†	98	62	78.9	0.95		Mount Blanco†	97	67	77.2	1.10		New Braunfels†	101	69	83.0	1.93		Lexington†	92	47	72.7	1.03
Ashwood†	98	53	78.1	0.95		Orange†	98	68	81.6	5.18		Paris†	98	68	81.9	0.26		Manassas	96	49	76.6	0.85
Bristol.....	90	46	71.8	4.12		Roby†	98	68	81.9	0.15		Rockport†	108	52	81.9	0.15		Monterey†	94	44	68.9	2.08
Brownsville†	97	56	80.6	1.26		Rockport†	96	76	84.7			Richmond (near)†	103	55	79.2	2.06		Nottoway	102	51	79.0	1.98
Byrdstown†	91	55	76.4	4.30		Rock Springs††	101	71	81.0	1.84		Petersburg†	97	57	78.4	2.36		Richmond b†	103	55	79.2	2.06
Carthage†	.....	.....	.....	4.29		Round Rock.....	105	74	82.7	1.76		Richmond b†	103	55	79.2	2.06		Rockymount†	94	54	75.8	1.75
Clinton†	.....	.....	.....	2.32		Runge†	104	70	85.6	2.11		Salem†	.....	.....	.....	4.66		Salem†	.....	.....	.....	4.66
Columbia†	98	53	80.0	1.08		San Antonio.....	.....	.....	.....	.....		Salisbury	89	48	71.6	6.30		Salisbury	89	55	78.6	1.83
Covington†	98	56	81.1	1.39		San Marcos†	103	71	86.6	1.70		Smithville†	96	54	77.5	2.46		Spottsville†	98	54	74.7	3.00
Dyersburg†	98	56	78.0	2.89		Sherman b	96	72	83.4	1.18		Stanardsville†	96	50	74.4	2.64		Fairmount†	98	49	77.4	2.06
Elizabethton†	98	49	76.0	2.89		Sierra Blanca†	98	58	78.6	1.77		Stephens City†	98	53	77.0	4.26		Hohenwald†	90	50	75.6	0.05
Fairmount†	84	64	72.7	.....		Stafford.....	100	67	82.7	3.65		Sunbeam†	94	53	77.0	4.26		Jackson†	90	51	73.3	5.50
Florence†	91	56	77.1	3.13		Slipphur Springs†	104	64	85.0	0.85		Warsaw†	98	53	78.2	1.27		Johnsonville†	92	56	77.8	0.90
Greeneville†	91	49	73.8	2.98		Temple†	102	69	84.4	3.10		Westbrook Farm	98	54	77.8	0.00		London†	98	45	74.5	4.25
Hohenwald†	90	60	72.8	2.81		Twohig†	109	71	88.9	3.45		Washington	.....	.....	.....	.....		Lynnyville†	95	57	78.8	0.00
Jacksboro†	90	51	73.3	3.50		Tyler†	98	64	81.8	0.71		Anacortes	.....	.....	.....	0.26		Middlebury†	91	52	75.4	2.30
Jackson†	94	56	77.8	5.37		Waco†	102	69	84.6	2.74		Ashford	.....	.....	.....	0.10		McMinnville†	91	52	75.4	2.30
Johnsonville†	.....	.....	.....	0.90		Weatherford†	100	64	82.2	4.43		Blaine	89	34	58.6	0.40		Milan†	98	54	78.2	1.87
London†	.....	.....	.....	4.25		Wichita Falls†	102	65	85.0	0.72		Bridgeport†	104	38	68.4	0.00		McMinnville†	91	52	75.4	2.30
Lynnyville†	95	57	78.8	8.20		Utah	.....	.....	.....	.....		Cascade Tunnel†	90	35	57.6	0.05		McMinnville†	91	52	75.4	2.30
McMinnville†	91	52	75.4	2.30		Blue Creek†*	97	60	78.5	0.00		Centerville	98	38	65.9	0.00		McMinnville†	91	52	75.4	2.30
Milan†	98	54	78.2	1.87		Brigham City	104	54	79.0	0.24		Colfax†	94	35	63.6	0.03		McMinnville†	91	52	75.4	2.30
Mount Carmel	93	60	77.7	0.50		Corinne.....	.....	.....	.....	.....		Connell	102	32	71.0	0.00		McMinnville†	91	52	75.4	2.30
Mount Carmel	93	60	77.7	0.50		Deseret *	94	45	70.8	T		Dayton	99	42	69.8	0.09		McMinnville†	91	52	75.4	2.30
Newport†	93	55	75.0	6.32		Fillmore†	106	89	73.4	0.97		East Sound	81	45	60.4	0.34		Nunnelly†	92	56	78.8	0.00
Nunnelly†	92	59	76.9	1.34		Fort Duchesne†	97	43	68.8	0.20		Ellensburg (near)	102	40	70.0	T		McMinnville†	91	52	75.4	2.30
Palmetto†	91	53	74.8	2.92		Giles†	105	44	77.8	0.17		Fort Simcoe	96	49	71.2	0.00		McMinnville†	91	52	75.4	2.30
Ridgleton†	91	53	74.8	2.92		Green River†	102	50	75.2	0.42		Fort Spokane	100	35	67.0	0.00		McMinnville†	91	52	75.4	2.30
Rockwood†	.....	.....	.....	3.42		Huntville†	98	38	73.0	0.76		Grand Mound†	98	34	62.4	0.01		McMinnville†	91	52	75.4	2.30
Rogersville†	91	58	78.6	2.24		Leaven†	95	56	76.2	1.04		Hunters†	88	32	58.0	T		McMinnville†	91	52	75.4	2.30
Rugby†	89	60	74.6	2.10		Logan.....	91	37	64.7	0.89		Kennedwick†	101	41	71.6	0.08		McMinnville†	91	52	75.4	2.30
Savannah	96	68	80.8	3.25		Loa.....	92	45	72.0	0.18		Madrone††	92	41	59.8	0.20		McMinnville†	91	52	75.4	2.30
Springdale†	94	58	76.5	2.00		Manti†	110	38	73.0	0.76		Mayfield†	98	35	61.4	0.53		McMinnville†	91	52	75.4	2.30
Trenton	94	54	82.3	0.03		Millyville†	.....	.....	.....	.....		Monte Cristo†	97	43	61.4	0.71		McMinnville†	91	52	75.4	2.30
Tullahoma††	88	48	71.1	3.30		Moab†	99	54	77.4	0.11		Moxee Valley†	98	35	69.2	T		McMinnville†	91	52	75.4	2.30
Waynesboro†	94	52	73.2	2.96		Morron†	.....	.....	.....	.....		New Whatcom†	97	37	59.9	0.35		McMinnville†	91	52	75.4	2.30
Texas.	.....	.....	.....	.....		Mount Pleasant††	95	54	73.6	0.22		Olga†	94	46	59.6	0.23		McMinnville†	91	52	75.4	2.30
Albany††	94	62	76.5	1.84		Ogden a**	95	60	76.4	0.10		Pine Hill†	99	41	67.6	0.12		McMinnville†	91	52	75.4	2.30
Angleton	100	64	81.2	4.49		Ogden b†	95	60	76.4	0.10		Pomeroy†	96	53	72.0	0.14		McMinnville†	91	52	75.4	2.30
Arthur City†	.....	.....	.....	2.55		Palmer†	99	62	74.6	0.00		Rosalia†	95	31	63.2	T		McMinnville†	91	52	75.4	2.30
Aurora†	106	66	81.4	0.75		Parowan†	94	38	68.4	0.28		Silver Creek†	94	37	59.8	0.55		McMinnville†	91	52	75.4	2.30
Austin a†	101	71	85.2	1.10		Piney Creek†	96	38	67.2	0.08		Snohomish†	92	30	60.2	0.32		McMinnville†	91	52	75.4	2.30
Austin b†	100	71	84.5	0.86		Porter†	98	32	65.8	0.58		South Bend†	94	40	62.1	0.10		McMinnville†	91	52	75.4	2.30
Ballinger†	100	69	80.2	2.27		Prairie†	100	45	74.3	1.50		Stampede†	93	37	62.0	0.08		McMinnville†	91	52	75.4	2.30
Beeville†	106	71	87.4	2.74		Parry†	94	44	70.8	0.23		Stillagumish†	93	35	58.0	0.25		McMinnville†	91	52	75.4	2.30
Boerne††	104	74	84.2	1.22		Promontory†	100	62	77.4	0.00		Sunnyside†	101	40	70.8	0.00		McMinnville†	91	52	75.4	2.30
Brady††	103	66	80.4	1.15		Provo City†	98	67	81.8	0.21		Tacoma†	88	40	60.7	0.05		McMinnville†	91	52	75.4	2.30
Brazoria†	96	69	82.8	4.26		St. George†	113	45	80.5	0.00		Union City†	92	40	64.2	0.06		McMinnville†	91	52	75.4	2.30
Brenham†	96	69	82.8	0.98		Scipio.....	94	38	68.4	0.28		Vashon†	84	32	55.6	0.13		McMinnville†	91	52	75.4	2.30
Burnet†	99	73	84.8	3.92		Snowville†	96	38	67.2	0.08		Waterville†	98	32	55.6	T		McMinnville†	91	52	75.4	2.30
Camp Eagle Pass†	107	71	87.4	3.93		Soldier Summit†	96	29	61.0	0.32		Wenatchee Lake†	96	32	60.6	0.29		McMinnville†	91	52	75.4	2.30
Chillicothe†	103	46	79.1	1.00		Terrace†	99	36	67.0	0.00		West Ferndale†	89	40	61.4	0.29		McMinnville†	91	52	75.4	2.30
Coleman†	68	78.0	5.61	0.55		Vernal†	92	48	70.9	0.40		West Virginia.	.....	.....	.....	.....		McMinnville†	91	52	75.4	2.30
Columbus†	97	68	83.1	4.63		Brattleboro	89	37	68.2	2.40		Beverly†	92	45	72.1	1.85		McMinnville†	91	52	75.4	2.30
Corsicana a	104	64	85.0	0.96		Burlington†	88	47	69.5	4.84		Bloomery†	91	42	69.2	2.92		McMinnville†	91	52	75.4	2.30
Corsicana b†	102	61	82.4	1.63		Chelesa†	93	43	63.0	3.49		Bluefield†	94	45	73.5	4.16		McMinnville†	91	52	75.4	2.30
Cuero†	101	72	86.0	0.23		Cornwall	96	39	66.5	5.88		Buckhannon†	95	45	70.7	2.77		McMinnville†	91	52	75.4	2.30
Dallas†	100	64	83.0	1.54		Enosburg Falls†	96	35	63.4	3.87		Charleston†	92	47	73.1	4.81		McMinnville†	91	52	75.4	2.30
Deant†	100	48	74.2	5.89		Hartland†	98	34	63.4	3.28		Dayton†	92	47	71.1	7.66		McMinnville†	91	52	75.4	2.30
Durham†	110	75	87.8	1.20		Irasburg†	98	37	62.7	4.17		Elkhorn†	93	47	71.1	8.90		McMinnville†	91	52	75.4	2.30
Duval†	110	75	87.8	1.20		Jacksonville	93	43	63.0	3.49												

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Wisconsin.	°	°	°	Ins.	Ins.	Wisconsin—Cont'd.	°	°	°	Ins.	Ins.
Amherst.	94	36	68.2	2.82		Rhineland.	87	31	64.2	2.26	
Apollonia *†.	90	24	70.3	1.62		Royalton.	93	27	67.7	2.99	
Barron †.	89	30	62.4	1.78		Sharon †.	97	45	71.2	3.40	
Belleville.	97	41	69.1	2.01		Shawano.	94	35	65.0	2.18	
Beloit.	94	38	72.2	3.31		Spoonert.	91	35	65.5	1.83	
Berlin.	98	40	70.1	1.64		Stevens Point †.	94	42	68.0	3.59	
Black River Falls †.	98	34	67.7	0.92		Sturgeon Bay Canal *†.	80	46	65.1	.....
Centralia.	95	42	69.1	2.82		Two Rivers *†.	82	52	68.8	.....
Chilton.	98	44	69.6	2.55		Valley Junction †.	94	31	68.8	4.81	
City Point.	95	22	65.2	1.85		Viroqua.	96	47	70.6	2.49	
Crandon †.	98	35	65.0	3.88		Watertown †.	94	38	72.2	2.20	
Delavan †.	94	40	70.0	1.12		Waukesha †.	95	64	72.0	2.61	
Deperet.	93	45	68.0	3.79		Waupaca †.	.....	.....	2.15		
Eau Claire.	98	40	68.8	1.28		Wausau †.	87	40	66.3	4.85	
Florence †.	84	37	62.3	2.19		West Bend.	95	45	70.4	8.71	
Fond du Lac †.	98	42	69.6	3.19		Westfield †.	94	32	69.8	8.87	
Grantsburg †.	94	39	64.5	2.50		Whitehall †.	96	80	66.8	1.85	
Hartford.	.....	.....	.....	.....			
Harvey †.	98	48	70.8	4.88							
Hayward.	99	40	65.8	3.10							
Hillsboro.	98	39	68.7	3.92							
Janesville †.	95	46	71.6	2.53							
Kenosha *†.	90	50	71.6	.....						
Koepenick *†.	98	50	63.8	2.50							
Lancaster †.	95	50	71.9	2.78							
Lincoln †.	98	58	68.8	4.65							
Madison.	93	55	72.7	2.08							
Manitowoc †.	89	45	66.0	8.51							
Meadow Valley †.	98	33	67.4	3.71							
Medford †.	98	33	67.2	3.19							
Neillsville †.	95	38	66.5	1.00							
New Holstein.	91	43	68.7	2.47							
Oconomowoc †.	95	46	71.8	3.28							
Oconto.	98	36	66.1	3.17							
Osceola †.	95	30	66.5	1.83							
Pepin.	.....	.....	.....	1.50							
Pine River †.	98	37	68.4	2.74							
Port Washington.	97	49	69.4	4.74							
Prairie du Chien.	.....	.....	.....	2.09							
Racine *†.	86	58	69.8	.....						

EXPLANATION OF SIGNS.

* Extremes of temperature from observed readings of dry thermometer.

† Weather Bureau instruments.

‡ Record furnished by the Arrowhead Reservoir Company, in the San Bernardino Mountains, San Bernardino County, Cal., at elevations varying from 4,800 to 6,200 feet.

A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

¹ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 4.

² Mean of 8 a. m. + 8 p. m. + 2.

³ Mean of 7 a. m. + 7 p. m. + 2.

⁴ Mean of 6 a. m. + 6 p. m. + 2.

⁵ Mean of 7 a. m. + 2 p. m. + 2.

⁶ Mean of readings at various hours reduced to true daily mean by special tables.

⁷ Mean from hourly readings of thermograph.

⁸ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 3.

⁹ Mean of sunrise and noon.

⁺ Mean of sunrise, noon, sunset, and midnight.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston a," "Livingston b," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance, "—" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.

Note: The following change has been made: Kansas, Hayes City changed to Hays.

TABLE III.—*Data from Canadian stations for the month of August, 1895.*

Stations.	Pressure.			Temperature.		Precipitation.		Stations.	Pressure.			Temperature.		Precipitation.		
	Mean not re- duced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Total.	Departure from normal.		Mean.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Total.	Departure from normal.	
Inches.	Inches.	Inches.	°	°	°	Inches.	Inches.	Saugeen, Ont.	29.22	29.92	— .06	62.1	— 0.4	2.73	+ 0.95	w.
St. Johns, N. F.	29.84	29.90	— .06	63.2	+ 0.2	2.87	— 1.03	Parry Sound, Ont.	29.23	29.90	— .07	62.0	— 0.0	2.48	+ 0.22	w.
Sydney, C. B. I.	29.84	29.90	— .06	63.2	+ 0.2	6.09	— 1.03	Port Arthur, Ont.	29.16	29.84	— .09	59.2	+ 0.2	1.96	+ 0.41	w.
Grindstone, G. of St. L.	29.76	29.79	— .03	60.9	— .03	3.73	w.	Winnipeg, Man.	29.05	29.86	— .05	60.4	— 1.1	1.01	+ 2.45	n.w.
Sable Island.	29.91	29.91	— .00	63.6	— .03	— .00	w.	Minnedosa, Man.	28.08	29.84	— .05	58.8	— 0.2	1.24	+ 0.62	n.w.
Halifax, N. S.	29.78	29.91	— .07	63.3	+ 0.3	5.59	+ 2.03	Battleford, Sask.	28.14	29.83	— .07	57.9	— 1.5	1.58	+ 0.58	w.
Grand Manan, N. B.	29.84	29.89	— .05	61.4	— .05	5.39	+ 2.30	Spences Bridge, B. C.	29.12	29.91	— .05	68.8	— 1.0	0.10	+ 0.10	w.
Yarmouth, N. S.	29.84	29.92	— .08	60.7	+ 1.2	4.81	+ 1.59	Hamilton, Bermuda.	30.02	30.18	+ .08	78.6	— 1.0	6.61	+ 0.75	s.
St. Andrews, N. B.	29.82	29.86	— .08	63.6	— .08	4.62	+ 1.77	Banff, Alberta.	28.36	29.84	— .08	56.2	— 3.5	0.24	+ 0.59	w.
Charlottetown, P. E. I.	29.82	29.86	— .08	63.6	— .08	6.54	+ 3.14	Calgary, Alberta.	28.40	29.87	— .03	55.7	— 2.8	1.18	+ 0.59	w.
Chatham, N. B.	29.84	29.86	— .08	61.9	+ 0.9	4.90	+ 0.78	Prince Albert, Sask.	28.36	29.84	— .08	55.7	— 2.2	1.97	+ 0.14	w.
Father Point, Que.	29.79	29.82	— .03	55.6	— 1.4	3.47	+ 0.91	Edmonton, Alberta.	27.64	29.94	+ .08	55.4	— 2.2	1.97	+ 0.14	n.w.
Quebec, Que.	29.53	29.85	— 1.10	61.3	— 1.7	6.26	+ 2.84	Battleford, Sask.	28.14	29.83	— .07	57.9	— 1.5	1.58	+ 0.58	w.
Montreal, Que.	29.66	29.86	— .09	65.1	— 1.4	6.92	+ 4.75	Spences Bridge, B. C.	29.12	29.91	— .05	68.8	— 1.0	0.10	+ 0.10	w.
Rockliffe, Ont.	29.36	29.86	— .08	60.2	+ 0.2	1.96	+ 0.97	Hamilton, Bermuda.	30.02	30.18	+ .08	78.6	— 1.0	6.61	+ 0.75	s.
Kingston, Ont.	29.59	29.90	— .07	65.5	— 1.0	2.26	+ 0.26	Banff, Alberta.	25.42	29.98	— .07	53.0	— 1.0	1.29	+ 0.29	sw.
Toronto, Ont.	29.56	29.94	— .06	63.4	— 2.1	3.01	+ 0.43	Esquimalt, B. C.	30.01	30.04	— .05	56.4	— 1.0	0.45	+ 0.45	s.
White River, Ont.	29.56	29.89	— .05	66.5	+ 0.4	3.06	0.00	Anticosti, Gulf of St. L.	29.78	29.81	— .06	57.4	— 1.6	7.75	+ 0.75	s.
Port Stanley, Ont.	29.33	29.94	— .05	65.4	— .05	1.88	+ 0.56	w.								

TABLE III.—*Data from Canadian stations—Continued.*

TABLE IV.—*Mean temperature for each hour of seventy-fifth meridian time, August, 1895.*

Stations.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Midnight.	Mean.
Abilene, Tex.	75.5	74.8	73.9	73.3	72.6	71.7	71.3	72.1	75.8	78.9	82.5	84.6	87.0	88.2	89.7	90.0	90.0	88.5	87.4	85.0	81.6	78.9	77.5	76.5	80.3
Albany, N. Y.	66.0	65.4	64.7	64.4	64.0	63.6	63.4	64.0	70.9	73.6	76.1	77.9	79.1	79.7	80.0	79.7	78.0	76.3	74.5	71.7	70.5	69.0	67.8	71.4	68.6
Alpena, Mich.	59.9	59.8	58.8	57.3	56.9	56.4	57.6	60.8	63.1	65.0	66.7	66.9	67.4	67.6	68.5	67.9	67.6	66.7	65.7	63.9	63.1	62.0	61.8	60.4	63.9
Amarillo, Tex.	69.9	68.8	67.8	66.8	65.9	65.1	65.0	68.1	72.3	75.5	77.8	79.5	81.2	82.5	83.4	83.6	82.0	81.3	78.9	75.9	73.5	71.1	70.3	73.8	73.8
Atlanta, Ga.	72.5	72.0	71.4	71.0	70.6	70.4	70.8	72.8	74.5	77.0	79.0	80.5	81.7	82.5	81.2	80.4	80.9	79.6	76.1	73.8	74.5	73.7	73.3	75.8	
Augusta, Ga.	74.5	74.0	73.8	73.7	73.3	71.9	73.2	75.7	78.2	80.5	82.7	84.4	85.5	86.8	86.0	85.5	84.3	82.7	80.9	79.1	77.7	76.9	73.9	75.0	78.7
Baker City, Oreg.	62.1	60.3	58.7	58.7	55.1	58.4	58.2	51.4	51.4	55.6	61.4	66.3	69.9	73.0	76.0	78.4	79.5	79.8	79.4	77.5	74.1	70.0	68.9	64.2	65.5
Baltimore, Md.	72.4	71.8	70.8	70.1	69.5	69.0	70.0	73.5	75.8	78.5	80.7	82.4	83.4	84.5	84.6	83.0	81.9	80.5	78.2	77.0	75.9	73.7	73.7	76.9	
Bismarck, N. Dak.	61.4	59.9	58.4	56.5	54.9	54.5	53.5	55.5	59.9	65.4	70.0	73.8	75.4	77.8	79.2	80.7	81.0	79.2	75.4	73.4	70.5	69.0	64.1	62.0	67.3
Boston, Mass.	66.5	65.8	65.4	65.0	64.6	64.8	66.4	69.0	71.3	72.5	74.0	75.8	76.1	76.4	76.2	75.8	75.1	74.5	72.2	70.8	70.1	69.3	68.3	67.5	70.5
Buffalo, N. Y.	66.3	65.5	65.1	64.6	64.2	64.5	65.4	67.3	69.5	71.4	72.7	73.8	73.1	74.4	74.7	71.0	70.0	69.3	68.5	67.7	67.1	69.4	67.1	69.4	67.1
Charleston, S. C.	78.3	78.2	78.0	77.9	77.4	77.3	78.3	80.3	82.1	83.5	84.9	85.0	85.9	85.8	85.6	85.0	83.9	82.9	81.3	79.2	79.2	78.5	81.2	78.5	81.2
Charlotte, N. C.	71.7	71.3	70.5	70.1	69.7	69.5	69.8	72.5	74.4	77.0	79.3	81.5	82.9	83.9	83.7	82.6	81.3	78.9	75.7	74.3	73.5	72.3	71.8	71.0	76.1
Cheyenne, Wyo.	58.5	57.0	56.4	56.2	55.5	55.1	54.3	54.9	54.9	56.5	63.6	71.7	72.6	74.1	75.3	75.5	75.1	73.6	73.1	71.6	69.4	68.2	63.8	65.0	63.8
Chicago, Ill.	71.5	70.9	69.8	69.2	68.4	68.2	68.3	71.2	72.8	73.7	74.7	75.3	76.0	76.1	76.1	75.1	75.3	74.8	73.8	73.3	72.7	71.9	72.6	72.6	72.6
Cincinnati, Ohio	73.8	72.8	71.8	71.0	69.3	69.1	71.0	73.5	76.6	79.5	81.9	82.9	84.0	85.2	85.3	85.1	84.5	81.5	79.8	78.2	76.5	75.2	77.5	77.5	77.5
Cleveland, Ohio	67.3	66.7	66.3	65.5	64.8	64.8	65.5	68.1	70.8	73.1	74.8	76.5	76.0	75.6	75.1	74.7	74.6	73.8	72.9	71.4	70.1	69.1	68.1	70.8	
Columbus, Ohio	69.4	68.2	67.1	66.1	65.2	64.6	65.5	69.3	71.8	73.9	79.1	80.9	81.8	82.7	82.6	82.0	80.3	79.5	78.0	77.9	72.4	70.7	74.7		
Denver, Colo.	65.3	64.1	63.5	62.8	61.7	60.2	59.0	58.7	61.4	65.8	70.2	74.2	76.1	78.2	79.3	80.0	80.1	79.8	78.3	76.2	74.4	73.8	68.6	69.7	
Des Moines, Iowa	69.0	67.7	67.1	66.1	65.2	64.2	65.9	68.9	71.0	72.8	75.9	78.0	79.7	81.2	82.7	82.5	81.9	80.9	78.5	75.9	73.6	70.0	73.6		
Detroit, Mich.	66.3	65.8	65.1	64.4	63.6	64.6	65.4	68.5	71.1	73.3	75.1	76.5	78.0	78.5	78.1	77.2	75.4	73.1	71.1	69.4	68.3	67.0	70.7		
Dodge City, Kans.	70.2	69.4	68.7	68.1	67.1	66.1	65.6	66.7	70.2	73.3	76.6	79.8	82.4	84.1	85.1	85.7	85.0	84.3	82.7	79.9	76.4	74.4	71.2	75.2	
Duluth, Minn.	64.1	63.8	62.6	61.8	61.2	60.7	60.3	61.8	62.4	64.3	65.8	67.3	68.5	69.4	69.9	70.4	70.7	70.5	70.1	68.2	67.3	66.3	65.3	64.5	65.7
Eastport, Me.	57.0	56.6	56.3	56.2	55.8	55.6	55.7	57.9	60.3	62.0	64.0	64.9	65.4	65.9	65.7	65.9	64.0	62.8	61.9	60.2	58.9	58.3	57.9	57.7	60.7
El Paso, Tex.	73.6	72.5	71.7	70.7	69.7	68.9	68.0	68.1	71.0	74.7	77.0	81.2	83.2	85.5	87.0	88.0	88.5	87.9	86.0	83.4	80.5	77.8	76.2	74.6	77.8
Fort Smith, Ark.	73.9	72.8	72.2	71.5	70.9	70.4	70.4	72.9	74.9	78.2	80.4	82.6	84.2	85.3	86.5	87.0	86.8	85.6	83.7	81.5	79.2	77.5	76.2	74.9	78.3
Galveston, Tex.	81.3	81.5	81.3	81.3	81.1	81.1	81.5	81.7	82.4	83.7	84.7	84.7	85.4	85.1	85.7	85.0	84.3	82.9	82.0	81.4	81.3	81.4	81.2	82.4	
Grand Haven, Mich.	65.7	65.0	64.4	64.1	63.2	62.7	63.1	63.1	63.8	64.8	67.1	71.2	72.6	72.8	72.8	72.7	72.9	73.0	72.1	70.0	68.5	67.1	66.3	66.2	68.4
Havre, Mont.	59.5	57.5	55.8	55.7	52.8	50.9	50.0	50.5	55.5	60.7	66.4	70.0	73.0	75.4	77.8	79.1	80.0	81.1	79.5	78.1	74.7	68.6	61.6	65.6	
Helena, Mont.	63.7	62.0	60.9	59.3	57.8	56.4	55.5	54.4	58.1	61.5	64.9	68.1	70.9	72.9	74.7	75.8	76.7	76.0	75.9	74.0	70.7	67.5	65.2	65.9	
Huron, S. Dak.	63.2	62.0	60.8	58.8	57.1	56.5	55.8	58.7	63.9	69.0	71.6	77.7	79.9	81.7	82.6	83.2	83.7	82.2	81.1	77.3	73.8	70.0	67.6	64.8	70.3
Independence, Cal. ^a	76.0	74.5	71.9	69.7	68.1	66.5	64.7	63.5	67.8	73.8	79.8	82.4	84.1	85.1	85.7	85.0	84.3	82.9	82.0	81.4	81.3	81.4	81.2	82.4	
Indianapolis, Ind.	70.6	69.5	68.5	67.5	66.2	65.2	66.0	67.7	69.7	73.4	77.4	80.5	82.9	83.8	84.4	85.6	86.5	86.0	85.5	85.0	84.2	83.0	82.0	81.8	82.4
Jacksonville, Fla.	77.5	77.1	77.0	76.6	76.1	75.8	76.3	76.9	81.1	82.5	87.1	88.3	87.4	87.4	87.6	87.1	86.0	85.1	84.5	83.1	82.1	79.8	77.6	76.0	80.9
Kansas City, Mo.	71.3	67.6	70.0	69.2	68.5	68.2	68.2	70.4	73.4	77.2	80.8	83.0	84.6	85.6	85.6	85.0	84.6	83.7	82.2	81.6	77.6	75.7	73.1	72.1	74.6
Key West, Fla.	81.5	81.6	81.5	81.6	81.3	81.7	81.7	83.1	84.2	84.8	85.3	85.9	86.4	86.8	85.5	85.4	85.4	84.4	83.1	82.8	82.6	82.4	82.0	82.5	
Knoxville, Tenn.	71.5	70.8	70.1	69.4	69.0	68.5	68.5	70.3	73.5	76.3	78.7	80.5	82.4	83.4	83.8	83.3	82.8	82.0	80.7	77.5	75.2	73.8	72.0	76.0	
Lander, Wyo.	60.8	58.7	56.9	54.9	53.5	52.6	51.2	51.6	56.7	62.5	67.5	70.4	72.5	74.5	75.4	75.2	73.8	73.0	72.3	70.9	69.9	68.8	67.5	65.5	
Little Rock, Ark.	74.5	73.6	73.2	73.4	72.0	71.5	71.5	73.2	75.6	78.8	81.7	83.8	85.4	86.2	86.1	85.9	85.6	84.4	83.1	81.9	77.5	75.7	73.5	72.7	79.7
Louisville, Ky.	71.7	70.9	70.1	69.6	69.0	68.2	68.2	70.4	73.4	77.2	80.8	83.0	84.6	85.6	85.6	85.0	84.6	83.5	82.5	81.5	79.5	77.5	75.5	73.8	79.9
Lynchburg, Va.	70.9	70.0	68.9	68.1	67.7	67.5	69.7	73.5	77.5	77.7	79.9	82.3	83.9	85.3	86.2	85.5	85.7	84.4	83.1	80.7	77.6	75.9	74.6	73.8	76.9
Marquette, Mich.	61.0	60.7	60.8	59.9	58.8	58.8	59.6	61.8	63.4	65.3	67.0	67.5	68.1	68.0	68.3	68.2	67.8	66.4	64.0	62.2	61.3	60.9	60.8	63.7	
Memphis, Tenn.	75.3	74.5	74.0	73.4	72.0	72.2	74.1	75.6	78.0	81.0	82.9	84.5	85.5	86.5	86.2	86.2	85.4	84.4	83.4	82.4	81.5	80.8	78.7	79.3	
Milwaukee, Wis.	67.8	67.1	66.8	66.1	65.5	65.1	65.1	67.3	69.1	71.6	73.7	75.0	75.2	75.8	74.6	74.9	74.1	72.9	71.5	70.2	69.8	68.5	67.7	70.7	
Mobile, Ala.	77.5	77.0	76.7	77.0	77.5	77.3	77.2	78.6	80.1	82.9	84.1	85.6	86.0	86.0	85.5	85.2	84.2	83.1	81.6	79.9	77.3	76.8	77.4	79.0	
Montgomery, Ala.	75.8	75.3	74.9	74.4	73.9	7																			

TABLE V.—*Mean pressure for each hour of seventy-fifth meridian time, August, 1895.*

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.	
Abilene, Tex.	.28.190	.191	.193	.195	.198	.205	.218	.220	.240	.246	.245	.228	.203	.186	.165	.149	.140	.138	.142	.156	.173	.184	.191	.194	
Albany, N. Y.	.29.855	.854	.849	.847	.855	.865	.872	.870	.875	.873	.866	.856	.825	.814	.816	.811	.811	.814	.814	.853	.856	.863	.863	.849	
Alpena, Mich.	.29.351	.250	.252	.248	.240	.253	.260	.267	.268	.267	.250	.243	.239	.236	.232	.233	.233	.234	.231	.254	.254	.250	.260	.249	
Atlanta, Ga.	.28.851	.846	.845	.847	.855	.866	.878	.887	.883	.883	.883	.864	.835	.825	.822	.820	.821	.821	.821	.861	.861	.860	.860	.856	
Augusta, Ga.	.29.888	.826	.819	.816	.818	.827	.842	.855	.864	.869	.871	.862	.845	.826	.807	.799	.795	.797	.808	.813	.825	.830	.841	.830	
Baltimore, Md.	.29.788	.778	.777	.777	.785	.796	.805	.807	.812	.813	.806	.795	.781	.765	.753	.744	.741	.742	.758	.762	.775	.779	.788	.779	
Bismarck, N. Dak.	.29.181	.182	.188	.190	.194	.198	.203	.209	.220	.220	.214	.207	.191	.178	.164	.149	.138	.125	.130	.145	.161	.170	.175	.172	
Boston, Mass.	.29.845	.804	.801	.808	.812	.815	.821	.824	.822	.820	.810	.804	.793	.782	.775	.775	.773	.779	.770	.801	.808	.810	.811	.808	
Buffalo, N. Y.	.29.203	.201	.200	.201	.208	.216	.227	.231	.229	.230	.228	.223	.216	.207	.196	.187	.191	.193	.195	.205	.206	.211	.215	.208	
Charleston, S. C.	.30.006	.938	.938	.930	.938	.934	.941	.945	.942	.943	.941	.926	.910	.891	.879	.869	.859	.850	.859	.869	.871	.872	.870	.867	
Chicago, Ill.	.29.077	.073	.073	.072	.075	.088	.096	.104	.108	.109	.110	.102	.095	.084	.070	.061	.055	.051	.050	.056	.067	.073	.078	.062	.079
Cincinnati, Ohio.	.29.821	.821	.822	.821	.827	.839	.848	.855	.856	.855	.852	.839	.827	.814	.806	.796	.782	.777	.773	.777	.812	.817	.822	.818	
Cleveland, Ohio.	.29.102	.161	.163	.165	.171	.183	.193	.202	.207	.205	.202	.195	.187	.175	.166	.157	.155	.153	.152	.159	.165	.165	.168	.174	
Columbus, Ohio.	.29.107	.106	.105	.106	.112	.123	.139	.142	.141	.135	.135	.123	.110	.098	.081	.068	.065	.065	.067	.076	.090	.100	.105	.109	
Denver, Colo.	.24.843	.848	.840	.838	.840	.844	.853	.865	.870	.874	.876	.863	.853	.845	.839	.822	.818	.819	.833	.840	.849	.849	.846		
Des Moines, Iowa.	.29.047	.048	.048	.045	.047	.059	.064	.072	.079	.082	.085	.081	.069	.059	.047	.035	.024	.018	.014	.014	.019	.032	.037	.046	
Detroit, Mich.	.29.182	.180	.181	.181	.183	.189	.197	.202	.206	.209	.208	.201	.191	.179	.168	.158	.148	.131	.138	.147	.158	.167	.184	.188	
Dodge City, Kans.	.27.397	.304	.301	.308	.309	.309	.309	.308	.417	.420	.423	.422	.414	.408	.390	.378	.370	.350	.353	.358	.360	.387	.399	.392	
Duluth, Minn.	.29.126	.124	.124	.124	.127	.136	.144	.147	.150	.152	.152	.148	.141	.134	.127	.128	.120	.115	.116	.116	.122	.128	.131	.131	
Eastport, Me.	.29.803	.800	.797	.800	.807	.814	.818	.820	.816	.805	.800	.797	.781	.778	.772	.760	.805	.810	.809	.807	.805	.804	.804		
El Paso, Tex.	.26.217	.216	.218	.216	.217	.223	.234	.246	.255	.260	.258	.247	.239	.229	.219	.208	.196	.186	.176	.164	.152	.149	.205	.215	
Eureka, Cal.	.29.940	.940	.932	.927	.922	.918	.914	.915	.916	.920	.928	.932	.938	.945	.945	.945	.945	.945	.945	.945	.935	.935	.935	.935	
Fort Canby, Wash.	.29.916	.915	.915	.916	.913	.913	.913	.915	.919	.920	.921	.921	.923	.923	.923	.923	.923	.923	.923	.910	.904	.904	.905	.909	
Galveston, Tex.	.29.961	.957	.957	.956	.959	.967	.978	.990	.996	.000	.005	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	
Grand Haven, Mich.	.29.258	.258	.256	.258	.260	.267	.278	.288	.293	.296	.295	.292	.294	.276	.265	.255	.248	.241	.234	.236	.243	.250	.252	.264	
Havre, Mont.	.27.346	.352	.359	.360	.362	.365	.370	.375	.379	.384	.379	.376	.367	.351	.339	.338	.328	.317	.306	.299	.298	.301	.314	.318	
Helena, Mont.	.25.882	.885	.889	.891	.892	.895	.899	.906	.912	.915	.915	.913	.911	.901	.886	.873	.861	.848	.833	.833	.840	.852	.865	.871	
Huron, S. Dak.	.28.539	.540	.543	.545	.547	.551	.561	.570	.576	.578	.575	.573	.568	.555	.547	.533	.520	.508	.495	.493	.504	.516	.524	.535	
Independence, Calif.	.25.977	.985	.991	.995	.996	.009	.009	.015	.024	.034	.040	.045	.039	.026	.004	.967	.965	.949	.938	.927	.935	.941	.945	.949	
Indianapolis, Ind.	.20.172	.173	.173	.173	.181	.189	.199	.207	.210	.211	.206	.195	.182	.171	.154	.142	.134	.126	.116	.116	.124	.124	.124	.124	
Jacksonville, Fla.	.29.985	.978	.973	.974	.980	.980	.000	.007	.010	.011	.006	.002	.002	.002	.008	.944	.939	.946	.939	.978	.996	.993	.980		
Kansas City, Mo.	.28.977	.974	.975	.979	.980	.984	.982	.984	.984	.984	.984	.984	.984	.984	.984	.984	.984	.984	.984	.984	.984	.972	.979		
Key West, Fla.	.30.020	.016	.007	.002	.004	.011	.024	.034	.045	.050	.050	.045	.045	.045	.045	.044	.044	.044	.044	.050	.050	.056	.061		
Knoxville, Tenn.	.29.006	.003	.002	.001	.004	.014	.025	.036	.038	.040	.039	.032	.030	.027	.007	.008	.074	.071	.071	.073	.074	.009	.008		
Little Rock, Ark.	.29.668	.663	.660	.660	.661	.670	.684	.695	.704	.707	.706	.700	.684	.668	.653	.635	.630	.632	.639	.651	.668	.670	.667		
Louisville, Ky.	.29.420	.425	.425	.426	.429	.440	.454	.462	.466	.467	.463	.454	.441	.427	.406	.395	.389	.384	.386	.395	.410	.419	.424	.427	
Lynchburg, Va.	.29.285	.279	.278	.281	.289	.301	.310	.314	.315	.317	.309	.297	.280	.260	.248	.235	.234	.234	.237	.237	.244	.248	.246		
Marquette, Mich.	.29.102	.101	.100	.097	.103	.107	.114	.115	.112	.112	.111	.108	.105	.104	.099	.099	.098	.096	.096	.098	.104	.111	.110		
Memphis, Tenn.	.29.578	.571	.567	.566	.569	.580	.594	.601	.611	.615	.616	.609	.598	.584	.565	.549	.542	.539	.540	.548	.551	.576	.576		
Milwaukee, Wis.	.29.218	.219	.216	.215	.221	.223	.248	.252	.255	.256	.250	.245	.236	.231	.216	.205	.201	.198	.195	.202	.208	.214	.221		
Moorhead, Minn.	.28.911	.913	.911	.910	.913	.922	.931	.938	.940	.940	.937	.932	.919	.905	.898	.883	.875	.872	.866	.873	.885	.895	.907		
Nantucket, Mass.	.29.959	.954	.949	.949	.954	.961	.967	.972	.974	.963	.961	.956	.948	.942	.939	.935	.936	.942	.950	.956	.961	.962	.965		
Nashville, Tenn.	.29.428	.426	.424	.423	.427	.437	.452	.458	.465	.465	.462	.452	.445	.439	.419	.399	.390	.388	.388	.398	.410	.423	.428		
New Orleans, La.	.29.944	.938	.934	.931	.935	.947	.959	.963	.965	.961	.957	.951	.941	.937	.927	.923	.921	.921	.924	.929	.947	.949	.948		
New York, N. Y.	.29.630	.637	.638	.638	.638	.638	.647	.654	.654	.654	.654	.645	.638	.627	.616	.605	.601	.606	.612	.620	.628	.633	.638		
Norfolk, Va.	.29.922	.925	.921	.922	.920	.940	.950	.956	.958	.960	.955	.948	.944	.931	.910	.901	.901	.904	.914	.925	.936	.941	.938		
Omaha, Nebr.	.28.701	.707	.709	.708	.709	.803	.814	.818	.820	.822	.824	.824	.819	.802	.788	.775	.762	.757	.754	.770	.780	.787	.793		
Parkersburg, W. Va.	.29.314	.315	.315	.320	.331	.341	.351	.359	.362	.350	.349	.336	.319	.304	.295	.276	.275	.273	.281	.291	.303	.315	.318		
Philadelphia, Pa.	.29.850	.848	.843	.842	.846	.855	.865	.870	.875	.876	.869	.857	.848	.832	.816	.810	.812	.822	.830	.846	.852	.855	.845		
Pittsburg, Pa.	.29.000	.009	.009	.100	.102	.109	.117	.120	.120	.125	.117	.107	.091	.077	.067	.063	.067	.070	.077	.085	.091	.098	.102		
Portland, Oreg.	.29.845	.852	.850	.862	.863	.865	.871	.875	.888	.882	.883	.882	.879	.865	.852	.846	.842	.845	.851	.855					

TABLE VI.—Average wind movement for each hour of seventy-fifth meridian time, August, 1895.

Stations.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Midnight.	Mean.	
Abilene, Tex.	4.8	4.5	5.1	5.0	4.7	4.7	4.6	5.0	6.4	8.5	9.2	8.8	9.4	9.0	10.5	9.7	8.8	6.5	5.9	5.3	5.2	7.1			
Albany, N. Y.	4.6	4.5	4.5	4.4	4.1	3.8	4.5	5.7	6.4	7.0	8.5	9.0	10.1	10.2	9.8	9.5	8.6	7.5	5.9	5.4	5.7	4.8	6.5		
Alpena, Mich.	5.8	6.1	5.7	5.7	6.2	5.8	6.1	6.8	7.7	7.4	8.4	9.2	9.6	10.3	10.5	10.4	10.6	9.9	8.3	6.2	5.4	5.7	6.2		
Amarillo, Tex.	18.7	14.0	13.4	12.9	12.3	12.4	12.4	12.4	12.0	13.9	15.4	15.2	14.5	14.5	14.1	14.8	15.1	16.4	17.2	16.0	13.5	12.6	18.2	14.0	
Atlanta, Ga.	6.6	6.8	7.0	6.8	6.3	6.4	6.8	6.1	6.6	6.9	7.4	7.8	7.4	7.5	8.3	8.7	6.9	6.9	6.5	6.5	7.0	6.7	6.8	7.0	
Augusta, Ga.	2.9	2.7	2.5	2.3	2.3	2.5	2.5	2.3	4.1	5.1	5.9	5.6	6.8	7.0	7.1	7.6	7.1	6.0	4.4	4.1	3.6	3.7	3.6	3.5	
Baker City, Oreg.	2.6	3.4	4.0	5.1	5.6	6.0	6.3	6.5	6.5	5.8	4.5	3.2	3.6	4.4	4.5	5.5	6.5	6.8	7.7	8.6	7.9	5.9	4.0	3.2	
Baltimore, Md.	4.8	5.0	4.0	3.7	3.9	3.6	4.4	5.8	7.1	7.6	8.5	9.0	9.8	10.4	10.5	10.2	10.2	8.0	5.8	5.5	4.9	4.7	4.5	6.6	
Bismarck, N. Dak.	6.2	6.0	5.6	6.1	5.4	5.2	5.5	5.5	5.7	5.6	8.8	11.5	12.5	12.9	12.8	12.7	13.6	13.5	13.2	12.2	9.4	8.3	7.6	6.7	
Block Island, R. I.	11.3	10.7	10.1	8.8	9.1	8.8	9.1	9.7	10.3	10.3	10.5	12.0	12.5	13.6	14.0	14.3	13.7	13.1	11.9	12.0	12.3	13.1	12.2	11.4	
Boston, Mass.	8.1	8.0	7.8	7.9	7.2	7.5	8.0	8.2	8.7	9.5	10.6	10.5	11.2	11.6	11.8	12.2	11.9	10.4	9.2	9.2	8.5	8.3	8.0	9.3	
Buffalo, N. Y.	6.8	7.0	7.3	6.7	6.2	6.3	6.7	6.9	7.6	8.3	9.3	10.0	11.0	11.0	10.6	10.5	9.5	9.3	8.5	7.4	6.8	5.0	6.2	8.0	
Calo, Ill.	4.5	3.8	4.1	4.2	4.1	4.4	4.4	4.4	5.5	5.9	6.3	6.9	7.5	8.1	8.0	8.1	7.6	8.6	5.7	4.7	4.5	3.9	4.2	4.5	5.5
Cape Henry, Va.	7.9	8.2	8.1	8.4	9.0	8.6	8.7	8.8	7.9	8.0	9.1	9.1	9.8	10.6	10.1	10.3	9.1	8.5	7.8	7.9	8.3	8.3	8.8	8.8	
Charleston, S. C.	4.7	4.8	4.9	5.1	4.9	4.7	4.6	5.2	6.8	6.6	7.9	8.9	9.7	10.5	9.6	9.4	8.4	7.3	6.2	6.3	5.9	5.4	5.5	6.7	
Charlotte, N. C.	4.6	4.5	4.1	3.9	3.9	3.8	3.9	4.6	4.7	5.7	6.2	5.8	6.0	6.7	6.8	6.8	5.9	4.8	5.1	4.3	4.7	4.5	5.1		
Chattanooga, Tenn.	3.7	3.5	3.3	3.2	3.2	3.0	2.6	3.2	3.7	4.6	4.8	5.1	5.5	6.8	7.3	7.0	7.1	7.9	5.8	4.2	3.8	3.2	3.5	4.5	
Cheyenne, Wyo.	7.6	6.7	7.4	7.1	7.2	7.5	7.5	7.3	7.4	7.8	8.7	9.5	10.7	11.1	10.8	10.4	10.6	10.3	9.7	8.5	7.9	7.2	7.5	8.6	
Chicago, Ill.	12.5	13.2	13.4	14.1	13.4	12.9	12.5	12.6	11.8	11.7	13.8	13.7	14.1	14.4	14.6	15.5	15.6	15.5	14.5	12.0	11.6	11.6	11.5	13.2	
Cincinnati, Ohio	4.1	3.9	3.8	3.5	3.7	3.5	3.5	4.3	5.5	6.1	7.0	8.3	9.1	9.6	9.4	9.2	9.4	9.4	8.4	7.4	6.1	4.5	4.3	4.4	6.2
Cleveland, Ohio	8.9	9.3	9.3	9.7	9.5	9.5	9.4	9.4	9.7	10.2	11.7	12.4	13.3	13.0	11.7	10.2	10.8	8.8	6.2	6.5	7.5	8.5	8.8	9.6	
Columbia, Mo.	4.1	3.8	3.6	3.4	3.8	3.7	4.3	4.3	5.5	6.5	6.1	6.5	7.1	6.9	6.9	7.2	7.6	8.7	5.0	4.0	3.7	3.7	3.9	4.2	5.0
Columbus, Ohio	3.9	3.9	3.8	3.6	3.5	3.5	3.7	4.3	5.2	5.9	6.5	6.9	7.6	7.8	8.4	7.9	7.8	7.3	6.1	5.1	4.7	4.3	4.5	5.5	
Concordia, Kans.	5.7	5.5	5.2	4.4	4.3	4.0	4.1	4.1	5.2	5.8	7.5	7.7	7.6	8.2	8.5	8.9	9.0	8.7	8.6	8.8	5.6	5.0	5.5	6.0	6.4
Corpus Christi, Tex.	12.4	10.9	9.9	8.9	8.1	7.3	7.3	7.5	8.7	10.8	11.8	12.9	15.6	17.5	18.6	19.5	19.5	19.5	20.1	19.9	18.8	17.9	16.4	15.5	14.0
Davenport, Iowa	4.6	4.9	4.5	4.9	5.1	4.9	4.5	4.7	5.5	5.9	7.3	8.5	9.2	9.2	9.7	10.2	10.1	10.0	8.4	6.4	5.8	5.5	5.2	4.8	6.7
Denver, Colo.	5.8	5.5	6.1	5.9	5.6	5.9	6.2	6.3	5.7	5.2	5.0	4.9	5.5	6.4	7.5	7.7	7.8	7.6	8.4	8.4	6.9	6.7	6.0	5.8	6.8
Des Moines, Iowa	4.5	4.9	4.1	4.4	4.6	4.8	4.0	4.9	6.0	6.9	8.0	8.4	9.3	10.3	10.2	10.1	10.4	9.9	9.1	7.0	5.4	4.8	5.1	5.0	
Detroit, Mich.	6.5	5.8	5.7	5.6	6.1	6.5	6.0	6.3	7.5	8.7	9.5	10.1	10.9	11.5	12.3	12.0	11.6	10.4	8.8	7.4	7.2	7.5	8.3	8.2	
Dodge City, Kans.	8.5	9.0	8.9	9.2	8.4	8.3	7.7	7.3	7.5	8.7	10.8	11.8	12.9	15.6	17.5	18.6	19.5	19.5	19.5	20.1	19.9	18.8	17.9	16.4	15.5
Duluth, Minn.	8.9	9.3	10.2	10.7	11.1	11.0	9.6	9.2	9.8	9.6	9.7	10.8	10.9	10.8	10.6	10.0	9.9	10.1	7.6	6.9	6.5	7.5	8.1	8.8	9.6
Eastport, Me.	6.8	6.8	6.9	6.9	6.0	6.7	7.3	7.1	7.3	8.1	8.0	9.0	9.9	10.3	10.7	10.8	10.5	9.5	8.5	7.2	6.9	6.4	6.5	7.9	
El Paso, Tex.	7.4	8.5	8.4	9.0	9.0	8.6	8.4	8.4	7.3	8.1	9.2	9.5	10.8	11.1	10.8	10.4	9.8	9.8	10.2	10.8	10.7	9.8	8.5	8.1	
Erie, Pa.	8.1	8.1	8.2	8.2	8.8	8.4	7.9	7.9	8.8	8.4	9.4	9.8	10.8	11.8	12.0	12.1	11.8	11.0	10.4	9.8	8.8	8.2	8.3	9.0	
Eureka, Cal.	3.9	3.6	3.2	2.9	3.1	3.6	2.8	2.5	2.9	3.0	3.5	5.0	6.6	7.4	8.3	8.1	8.2	7.8	6.5	5.5	4.5	4.4	4.4	4.9	
Fort Canby, Wash.	8.5	8.1	7.8	7.8	7.6	7.7	7.5	7.2	6.5	6.1	6.4	6.5	7.8	8.7	10.0	10.5	10.6	11.4	12.0	12.0	10.4	10.1	8.7	8.6	
Fort Smith, Ark.	8.7	8.5	4.0	4.0	4.5	4.3	4.6	4.6	5.0	4.8	5.2	5.7	5.5	5.9	6.0	5.9	6.2	5.3	4.8	4.8	3.8	3.7	3.9	4.8	
Fresno, Cal.	8.8	9.0	8.8	8.5	7.1	6.3	5.6	4.6	3.0	2.8	3.0	2.9	3.4	4.0	4.0	4.8	4.8	5.3	6.0	6.1	6.7	7.0	7.7	5.8	
Galveston, Tex.	8.2	8.2	8.0	7.9	7.6	7.1	6.7	7.1	8.3	9.1	9.6	9.6	10.8	11.0	12.0	12.1	11.8	11.0	10.4	9.8	8.8	8.2	8.3	9.2	
Grand Haven, Mich.	5.5	5.7	6.4	6.3	6.0	6.2	6.1	6.5	7.5	7.5	8.8	9.6	10.5	10.3	10.8	10.7	9.5	10.7	9.5	8.5	8.5	4.7	4.5	7.4	
Green Bay, Wis.	5.7	4.5	4.0	4.7	4.8	4.8	5.0	5.7	5.7	5.9	6.6	6.6	6.1	6.4	6.5	7.8	8.4	8.9	9.4	8.3	8.3	5.1	5.5	5.8	6.4
Hannibal, Mo.	6.5	6.1	6.4	6.2	6.5	5.8	6.6	6.1	6.1	6.7	7.4	8.2	8.9	9.5	9.1	8.7	8.5	7.8	7.6	7.7	7.8	7.7	7.7	6.9	
Harrisburg, Pa.	3.7	3.8	3.5	3.4	3.1	3.4	3.6	4.7	5.2	6.3	7.2	7.6	7.8	8.6	8.8	8.5	8.1	7.7	5.9	5.4	4.5	4.1	3.9	5.6	
Hatteras, N. C.	8.6	8.1	8.0	7.6	8.0	8.0	8.6	8.9	9.1	9.4	9.2	9.7	10.1	10.7	10.5	10.9	10.3	9.8	9.1	8.9	9.2	9.5	9.0	9.2	
Havre, Mont.	5.7	5.5	4.4	4.3	3.8	4.4	4.2	4.5	7.3	8.0	8.7	9.4	9.5	10.9	11.9	12.1	11.3	10.2	10.5	8.7	6.5	5.8	4.8	7.4	
Helena, Mont.	9.0	7.7	8.5	7.3	6.8	6.4	6.7	5.4	4.3	4.6	4.6	5.6	6.6	7.5	8.3	10.7	10.6	10.4	10.1	9.1	7.8	8.5	8.4	7.7	
Huron, S. Dak.	12.3	11.8	11.6	10.7	10.2	10.3	10.2	10.3	11.0	11.7	12.7	13.3	14.8	15.2	14.8	15.0	15.3	15.0	15.0	13.9	12.3	12.2	11.6	12.7	
Idaho Falls, Idaho	7.7	6.9	6.5	6.6	5.0	5.0	4.8	4.9	5.5	6.3	6.2	6.8	8.5	9.6	9.6	10.3	11.0	11.0	11.7	12.2	12.2	12.8	12.2	7.7	
Independence, Cal.	8.2	8.3	8.6	8.8	6.0	5.8	5.5	5.6	4.8	5.8	6.4	6.4	5.3	5.2	6.9	9.6	11.1	11.1	10.9	11.5	10.0	9.8	8.3	7.7	
Indianapolis, Ind.	3.6	3.3	3.0	3.3	3.2	3.2	3.1	3.2	3.2	3.4	4.2	5.0	5.7	6.7	7.0	7.5	7.0	6.7	6.7	4.5	3.8	3.5	3.8		

TABLE VI.—Average wind movement, etc.—Continued.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Parkersburg, W. Va.	8.3	8.1	2.7	3.1	2.7	2.9	2.9	3.4	3.9	4.6	5.6	6.0	6.8	7.1	7.5	7.4	6.4	5.5	4.8	4.1	4.1	3.4	3.4	8.6	4.5
Pensacola, Fla.	5.9	5.8	6.4	6.5	6.8	5.5	6.0	5.7	6.7	7.3	7.7	9.0	10.3	10.7	12.5	13.2	12.2	10.8	8.9	7.1	6.7	6.5	5.8	5.6	7.9
Philadelphia, Pa.	6.8	6.6	6.3	5.9	5.8	6.5	6.6	7.9	8.6	8.9	9.8	11.0	11.3	12.2	12.5	12.7	11.8	10.3	9.0	8.0	7.8	7.3	7.1	8.9	
Pierre, S. Dak.	8.7	8.1	7.8	7.2	6.0	5.6	5.6	5.4	6.1	7.2	7.9	8.8	10.4	10.9	10.9	11.6	11.5	11.4	10.6	11.1	9.4	9.2	8.9	8.5	8.7
Pittsburg, Pa.	3.3	3.5	3.5	3.5	3.7	3.6	3.6	4.4	5.2	5.6	6.5	7.0	7.7	7.8	7.7	7.2	7.0	5.8	4.3	3.7	3.4	3.9	3.5	3.5	5.1
Port Angeles, Wash.	4.8	5.1	4.6	5.0	4.6	5.1	5.1	4.8	4.9	4.0	5.5	6.2	7.2	7.9	8.6	8.6	9.1	9.7	10.7	9.8	8.0	6.5	5.6	6.5	6.5
Port Huron, Mich.	6.9	6.9	6.9	7.1	7.6	7.2	7.0	6.7	7.6	8.7	9.8	9.9	10.4	11.2	11.5	12.7	11.5	10.2	9.8	8.3	7.6	7.6	6.7	8.6	
Portland, Me.	5.5	5.6	5.5	5.4	5.0	5.0	4.6	5.8	6.3	7.2	8.0	8.7	9.4	10.3	9.6	9.4	9.1	7.1	6.4	5.9	5.6	5.7	5.4	5.1	6.7
Portland, Oreg.	11.6	9.6	7.8	4.9	5.0	4.6	4.4	4.7	4.3	5.6	6.9	8.2	8.3	8.7	9.8	9.4	9.3	10.8	12.0	12.2	11.9	11.6	12.1	8.3	
Pueblo, Colo.	5.8	5.3	4.6	4.3	4.4	3.3	3.1	3.8	4.2	5.0	5.2	7.4	7.9	8.0	8.8	9.9	9.8	10.0	8.4	6.9	6.7	5.6	5.8	6.3	
Raleigh, N. C.	3.4	3.5	3.7	3.6	3.7	3.7	4.6	4.9	5.3	5.1	5.3	5.2	4.9	5.4	5.1	5.0	4.4	3.5	3.5	3.6	3.9	3.6	4.3		
Rapid City, S. Dak.	8.6	8.1	7.6	7.5	7.2	6.6	7.6	7.9	8.2	8.1	9.8	11.1	13.0	13.3	13.3	13.1	12.1	11.7	10.2	7.8	6.8	7.2	7.5	9.5	
Red Bluff, Cal.	3.2	4.0	3.9	4.2	4.1	4.0	4.0	4.3	4.4	3.8	4.5	4.8	4.8	4.8	4.9	5.1	6.1	6.1	6.8	5.5	4.7	4.2	3.2	4.6	
Rochester, N. Y.	5.1	5.3	5.3	5.8	5.8	5.6	6.4	6.9	7.5	7.8	8.3	8.5	9.1	9.2	8.6	7.9	7.5	7.3	6.7	5.3	4.1	4.7	6.4		
Roseburg, Oreg.	2.5	2.3	2.3	1.9	1.5	1.5	1.1	1.8	1.4	1.4	1.5	2.6	3.4	4.7	5.4	6.1	7.2	8.3	8.7	8.4	6.9	5.1	3.6	3.9	
Sacramento, Cal.	8.5	8.4	9.2	9.5	9.4	9.2	9.3	8.5	7.9	7.5	6.7	6.7	6.8	6.7	6.8	7.0	7.5	8.3	8.5	8.5	8.9	9.4	9.5	9.0	
St. Louis, Mo.	7.0	6.7	7.0	6.8	5.6	6.7	6.2	6.2	7.1	8.0	9.2	9.9	10.7	10.3	10.6	10.4	9.9	9.8	9.1	8.0	7.8	7.8	8.1	8.2	
St. Paul, Minn.	4.2	3.9	3.7	4.1	4.9	5.6	4.9	5.4	6.2	6.9	8.3	8.9	9.1	9.7	9.5	9.8	9.2	8.0	7.1	6.1	6.4	5.0	4.3	4.5	6.5
St. Vincent, Minn.	6.0	5.8	5.7	5.7	6.1	5.5	4.9	5.2	5.9	7.2	8.0	8.2	8.5	9.5	9.6	9.7	9.5	8.4	7.5	6.5	6.3	6.1	7.1		
Salt Lake City, Utah.	4.2	4.3	3.8	3.4	3.7	3.5	3.8	3.6	3.7	8.1	8.1	8.5	5.5	7.5	9.2	9.9	9.4	9.9	8.4	7.8	6.4	5.2	5.1	5.6	
San Antonio, Tex.	8.0	6.6	5.8	4.6	4.4	4.4	4.0	3.8	5.1	7.2	7.7	8.1	7.9	8.1	8.6	8.4	8.8	9.5	10.2	10.5	10.5	11.3	10.2	7.7	
San Diego, Cal.	2.8	2.2	2.4	2.5	2.2	2.3	2.3	2.6	3.0	2.9	3.6	4.8	6.7	8.6	10.0	10.4	10.4	10.2	9.6	8.5	7.5	5.7	4.8	3.8	5.4
Sandusky, Ohio.	7.2	6.7	6.6	6.6	6.2	6.1	6.0	6.0	6.6	7.2	7.8	7.9	8.2	8.7	8.8	8.4	7.3	6.4	5.8	5.9	6.4	6.9	7.1	6.7	7.0
San Francisco, Cal.	13.3	11.6	11.1	10.6	10.2	9.0	8.2	8.4	7.6	7.4	8.1	8.1	9.1	11.5	14.2	17.4	20.2	22.8	22.4	22.0	22.8	20.7	18.5	15.0	18.8
San Luis Obispo, Cal.	2.6	2.3	2.3	2.5	2.4	2.3	2.2	2.5	2.7	2.5	2.5	3.0	3.5	4.3	5.5	6.3	6.9	6.7	6.5	6.5	5.3	5.2	3.2	3.8	
Santa Fe, N. Mex.	5.5	4.9	4.8	4.1	4.0	3.5	3.2	3.6	3.5	4.2	5.0	5.6	6.0	6.4	7.6	7.8	6.8	7.2	7.4	7.0	5.6	5.9	6.7	7.3	5.6
Sault Ste Marie, Mich.	4.6	4.3	4.1	4.0	4.4	4.4	4.3	5.5	6.4	7.2	8.0	8.9	10.3	10.8	11.5	11.7	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	
Savannah, Ga.	4.9	4.8	4.3	4.4	4.5	4.4	4.6	4.7	5.5	6.1	6.6	7.1	7.6	8.0	8.5	9.1	9.0	8.4	6.9	5.8	5.5	5.1	4.7	6.1	
Seattle, Wash.	2.6	2.3	2.0	1.8	1.7	2.2	2.1	1.9	2.0	2.0	2.2	2.6	3.2	3.9	4.5	5.2	6.1	5.9	5.6	5.5	5.4	5.9	5.5	5.5	
Shreveport, La.	4.4	4.0	3.9	3.3	3.3	3.1	3.2	3.5	4.2	4.8	4.9	5.0	5.2	6.0	6.4	6.4	6.6	6.1	4.9	5.4	4.5	4.9	4.5		
Sioux City, Iowa.	7.5	7.5	7.0	6.9	7.2	7.1	6.8	7.4	8.2	9.9	10.9	11.5	12.0	12.0	11.7	12.3	11.7	11.1	10.2	8.9	8.4	8.7	7.8	8.0	9.2
Spokane, Wash.	3.6	3.3	3.5	3.4	3.6	3.2	3.2	3.0	3.1	3.7	4.5	5.2	6.1	6.5	6.8	7.6	8.2	8.3	7.1	5.9	5.8	4.7	5.2		
Springfield, Ill.	6.0	5.6	5.6	5.8	6.0	6.0	5.7	5.5	5.0	6.9	7.5	8.4	8.6	9.2	9.6	9.8	9.1	8.7	7.7	7.7	7.7	7.7	7.7	6.9	
Springfield, Mo.	6.0	6.4	6.5	6.9	6.2	6.5	6.5	6.0	6.7	7.4	7.6	7.8	7.3	7.0	7.1	7.8	7.2	7.6	6.8	6.0	6.5	6.4	7.0	6.8	
Tampa, Fla.	3.6	3.8	4.0	3.8	3.7	3.6	3.7	4.2	5.6	5.9	6.2	6.5	6.9	7.0	7.8	6.9	6.2	5.4	4.2	4.2	3.6	4.1	3.8	5.0	
Tatoosh Island, Wash.	6.7	7.4	7.4	7.0	6.6	7.0	6.9	6.7	6.7	7.1	7.4	7.4	7.0	7.0	7.8	8.5	8.5	8.5	7.8	8.0	8.1	7.2	7.4		
Titusville, Fla.	7.9	7.2	6.9	6.6	6.3	5.8	5.8	6.5	7.3	8.2	8.9	9.3	10.4	12.3	13.8	14.2	12.7	13.0	12.5	10.6	9.5	8.8	8.4	7.5	9.3
Toledo, Ohio.	7.2	7.0	7.0	6.6	6.4	6.2	6.2	6.3	7.2	7.5	8.4	9.3	10.2	10.5	10.6	9.8	10.0	9.6	8.1	6.8	7.0	6.9	7.0	7.9	
Vicksburg, Miss.	4.2	3.7	3.6	3.8	3.8	4.0	3.9	3.8	4.1	4.1	4.6	4.6	5.8	5.7	6.8	5.9	6.4	6.0	5.0	3.9	3.8	4.5	4.6		
Vineyard Haven, Mass.	5.9	5.6	5.8	5.5	5.5	5.7	5.6	6.1	7.2	8.0	8.2	8.5	9.4	9.7	10.0	9.5	8.3	7.3	7.1	7.0	6.8	6.5	7.3		
Walla Walla, Wash.	5.3	5.2	4.6	4.5	4.6	4.4	4.7	4.8	4.5	4.1	4.1	5.1	5.6	6.0	5.8	5.7	5.7	5.9	6.0	5.3	5.2	4.9	5.5	6.1	
Washington, D. C.	3.5	3.0	2.9	2.8	2.7	2.8	2.8	3.0	4.3	6.1	7.2	7.1	7.7	8.1	8.0	8.1	7.9	7.1	6.2	5.3	4.3	4.0	3.7	5.1	
Wichita, Kans.	5.6	5.6	5.1	5.4	5.3	5.0	5.0	5.4	5.9	7.0	7.1	7.4	8.5	7.8	8.1	8.4	8.0	7.5	6.5	5.5	4.9	5.0	5.4	6.4	
Williston, N. Dak.	6.4	5.6	5.2	5.3	5.6	6.0	6.2	5.6	6.4	7.0	9.2	10.2	11.2	11.9	12.2	13.0	14.7	14.9	13.9	11.9	10.2	9.0	7.8	6.4	9.0
Wilmington, N. C.	4.0	3.7	4.3	3.8	3.9	3.7	4.5	4.7	5.5	6.5	6.9	8.4	8.5	9.5	9.8	9.7	7.6	6.6	5.7	5.1	4.9	4.4	5.9		
Winnebucca, Nev.	6.9	7.7	8.0	8.6	8.6	8.7	8.2	7.3	7.2	6.1	6.6	7.9	8.2	8.4	8.8	10.5	11.1	11.4	11.0	10.5	9.7	8.3	7.4	8.5	
Woods Hole, Mass.	12.2	11.4	11.6	11.0	10.2	10.3	10.6	11.3	12.1	12.1	11.8	13.0	14.0	15.6	15.4	15.8	16.1	14.5	13.8	13.4	13.3	12.7	12.7	12.8	
Yuma, Ariz.	6.8	5.5	6.2	6.6	6.4	5.0	4.6	3.8	4.0	4.9	7.4	8.2	8.7	8.4	8.1	8.3	9.2	9.4	10.0	10.8	9.7	8.0	7.5		

TABLE VII.—Heights of rivers above low-water mark, August, 1895.

Stations.	Distance to mouth of river.	Highest water.		Lowest water.		Stations.	Distance to mouth of river.	Highest water.		Lowest water.		Stations.	Distance to mouth of river.	Highest water.		Lowest water.		Stations.	Distance to mouth of river.	Highest water.		Lowest water.	
Height.	Date.	Height.	Date.	Month.	Range.	Height.	Date.	Height.	Date.	Month.	Range.	Height.	Date.	Height.	Date.	Month.	Range.						

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TABLE VIII.—Temperature of the wet-bulb thermometer, August, 1895.

Stations.	Local time faster or slower than 75th meridian time.	8 A. M.			8 P. M.			Stations.	Local time faster or slower than 75th meridian time.	8 A. M.			8 P. M.		
		Max.	Min.	Mean.	Max.	Min.	Mean.			Max.	Min.	Mean.	Max.	Min.	Mean.
		h. m.	o	o	o	o	o			h. m.	o	o	o	o	o
<i>New England.</i>															
Eastport, Me.	82 F.	62	49	56	62	50	56	<i>Up. Lake Region—Con.</i>	h. m.	o	o	o	o	o	o
Portland, Me.	19 F.	69	50	60	60	49	62	Milwaukee, Wis.	51 S.	70	50	54	54	63	63
Northfield, Vt.	9 F.	64	46	57	63	47	60	Green Bay, Wis.	52 S.	68	48	59	50	62	62
Boston, Mass.	16 F.	70	48	63	72	52	64	Duluth, Minn.	1 08 S.	65	46	57	50	60	60
Nantucket, Mass.	20 F.	72	51	65	70	52	64	<i>North Dakota.</i>							
Woods Hole, Mass.	17 F.	72	53	66	70	54	65	Moorhead, Minn.	1 27 S.	66	38	53	53	60	60
Block Island, R. I.	14 F.	72	54	65	72	55	66	St. Vincent, Minn.	1 29 S.	62	37	51	51	59	59
New Haven, Conn.	8 F.	74	54	65	72	53	66	Bismarck, N. Dak.	1 42 S.	65	37	50	51	60	60
New London, Conn.	12 F.	75	56	65	72	57	66	Williston, N. Dak.	1 54 S.	61	33	49	49	58	58
<i>Middle Atlantic States.</i>								<i>Upper Mississippi Valley.</i>							
Albany, N. Y.	5 F.	70	52	64	73	50	64	St. Paul, Minn.	1 12 S.	66	44	58	50	62	62
New York, N. Y.	4 F.	73	55	66	76	53	68	La Crosse, Wis.	1 05 S.	72	48	60	55	65	65
Harrisburg, Pa.	7 S.	73	52	65	76	56	68	Davenport, Iowa.	1 02 S.	71	51	67	57	66	66
Philadelphia, Pa.	0	76	51	66	76	56	68	Des Moines, Iowa.	1 14 S.	72	53	62	54	66	66
Baltimore, Md.	6 S.	73	50	66	76	57	68	Keokuk, Iowa.	1 06 S.	72	54	64	56	68	68
Washington, D. C.	8 S.	73	54	68	76	59	70	Cairo, Ill.	56 S.	73	61	69	57	68	68
Lynchburg, Va.	16 S.	73	57	68	75	58	69	Springfield, Ill.	58 S.	73	56	64	56	68	68
Norfolk, Va.	5 S.	76	62	73	77	62	72	Hannibal, Mo.	1 05 S.	73	57	65	58	70	70
<i>South Atlantic States.</i>								St. Louis, Mo.	1 01 S.	74	60	67	63	70	70
Charlotte, N. C.	23 S.	72	57	68	76	60	70	<i>Missouri Valley.</i>							
Hatteras, N. C.	2 S.	73	66	74	78	65	74	Columbia, Mo.	1 09 S.	72	57	66	58	70	70
Kittyhawk, N. C.	3 S.	73	66	73	79	65	74	Kansas City, Mo.	1 18 S.	71	59	68	59	71	71
Raleigh, N. C.	14 S.	74	58	73	76	61	71	Springfield, Mo.	1 13 S.	72	53	64	64	68	68
Wilmington, N. C.	12 S.	77	67	73	78	66	74	Omaha, Nebr.	1 24 S.	71	46	60	54	66	66
Charleston, S. C.	20 S.	76	70	75	80	69	75	Sioux City, Iowa.	1 26 S.	71	45	58	55	65	65
Augusta, Ga.	27 S.	75	65	73	78	65	73	Pierre, S. Dak.	1 41 S.	71	39	55	52	63	63
Savannah, Ga.	24 S.	80	74	76	79	70	75	Huron, S. Dak.	1 32 S.	68	39	55	52	66	66
Jacksonville, Fla.	23 S.	71	74	76	78	71	75	<i>Northern Slope.</i>							
<i>Florida Peninsula.</i>								Havre, Mont.	3 19 S.	59	33	45	48	57	57
Jupiter, Fla.	20 S.	73	74	77	78	72	73	Miles City, Mont.	2 08 S.	60	40	51	52	60	60
Key West, Fla.	27 S.	73	73	76	78	73	76	Helena, Mont.	2 28 S.	57	34	46	44	55	55
Tampa, Fla.	30 S.	73	73	76	73	72	76	Rapid City, S. Dak.	1 53 S.	53	41	49	53	60	60
Titusville, Fla.	23 S.	73	73	77	80	72	76	Cheyenne, Wyo.	2 15 S.	54	39	46	48	58	58
<i>Eastern Gulf States.</i>								Lander, Wyo.	1 43 S.	67	50	58	53	66	66
Atlanta, Ga.	37 S.	73	60	70	75	61	71	<i>Middle Slope.</i>							
Pensacola, Fla.	19 S.	79	73	76	73	73	76	Denver, Colo.	2 00 S.	59	47	52	55	60	60
Mobile, Ala.	53 S.	75	72	75	78	72	75	Pueblo, Colo.	1 58 S.	62	49	55	57	61	61
Montgomery, Ala.	45 S.	76	66	73	78	70	74	Concordia, Kans.	1 31 S.	71	56	65	59	68	68
Meridian, Miss.	55 S.	74	68	73	73	70	74	Dodge City, Kans.	1 40 S.	63	53	63	61	66	66
Vicksburg, Miss.	1 03 S.	75	70	73	78	70	75	Wichita, Kans.	1 29 S.	73	60	67	65	73	73
New Orleans, La.	1 00 S.	77	71	75	78	71	75	Oklahoma, Okla.	1 30 S.	73	61	68	63	73	73
<i>Western Gulf States.</i>								<i>Southern Slope.</i>							
Shreveport, La.	1 14 S.	73	69	73	80	72	76	Abilene, Tex.	1 39 S.	72	63	68	62	70	70
Fort Smith, Ark.	1 17 S.	73	66	70	78	70	75	Amarillo, Tex.	1 47 S.	66	55	62	62	68	68
Little Rock, Ark.	1 08 S.	74	65	70	76	69	78	<i>Southern Plateau.</i>							
Corpus Christi, Tex.	1 30 S.	80	74	77	80	76	78	El Paso, Tex.	2 06 S.	65	57	62	60	65	65
Galveston, Tex.	1 19 S.	80	76	78	80	74	78	Santa Fe, N. Mex.	2 04 S.	56	46	52	51	56	56
Palestine, Tex.	1 23 S.	75	67	72	79	70	75	Phoenix, Ariz. *	2 28 S.	76	54	65	72	72	72
San Antonio, Tex.	1 34 S.	75	67	72	76	67	71	Yuma, Ariz.	2 28 S.	79	54	70	63	73	73
<i>Ohio Valley and Tenn.</i>								Independence, Cal.	2 53 S.	63	41	50	48	60	60
Chattanooga, Tenn.	41 S.	74	59	69	76	64	72	<i>Middle Plateau.</i>							
Knoxville, Tenn.	38 S.	72	58	68	77	77	73	Carson City, Nev.	2 59 S.	58	35	44	44	56	56
Memphis, Tenn.	1 00 S.	76	61	71	73	66	73	Winnemucca, Nev.	2 51 S.	58	36	43	43	54	54
Nashville, Tenn.	47 S.	73	58	68	76	62	73	Salt Lake City, Utah.	2 27 S.	63	43	53	54	60	60
Lexington, Ky.	38 S.	73	56	66	77	60	68	<i>Northern Plateau.</i>							
Louisville, Ky.	43 S.	72	54	65	71	61	69	Baker City, Oreg.	2 51 S.	52	34	44	44	57	57
Indianapolis, Ind.	44 S.	74	54	64	77	56	67	Idaho Falls, Idaho.	2 28 S.	58	34	45	45	58	58
Cincinnati, Ohio.	38 S.	72	52	64	73	57	66	Spokane, Wash.	2 49 S.	57	37	46	46	55	55
Columbus, Ohio.	32 S.	71	51	63	72	54	65	Walla Walla, Wash.	2 53 S.	58	43	51	50	56	56
Pittsburg, Pa.	20 S.	72	52	64	76	56	66	<i>N. Pac. Coast Region.</i>							
Parkersburg, W. Va.	26 S.	72	53	65	74	59	68	Fort Canby, Wash.	3 10 S.	58	49	58	51	56	56
<i>Lower Lake Region.</i>								Port Angeles, Wash.	3 14 S.	55	38	49	51	55	55
Buffalo, N. Y.	15 S.	70	50	61	70	54	63	Seattle, Wash.	3 09 S.	58	46	52	54	58	58
Oswego, N. Y.	6 S.	69	50	61	69	50	62	Tatoosh Island, Wash.	3 19 S.	60	46	51	49	54	54
Rochester, N. Y.	11 S.	68	50	61	70	50	62	Portland, Oreg.	3 11 S.	61	46	52	53	60	60
Erie, Pa.	20 S.	72	50	63	70	53	63	Roseburg, Oreg.	3 13 S.	59	45	48	53	61	61
Cleveland, Ohio.	27 S.	71	49	62	71	52	65	<i>Mid. Pac. Coast Region.</i>							
Sandusky, Ohio.	30 S.	70	52	63	72	52	64	Eureka, Cal.	3 17 S.	55	47	51	50	54	54
Toledo, Ohio.	34 S.	70	50	62	72	54	64	Red Bluff, Cal.	3 09 S.	64	51	56	56	65	65
Detroit, Mich.	32 S.	69	50	61	72	54	64	Sacramento, Cal.	3 06 S.	60	49	54	54	66	66
<i>Upper Lakes Region.</i>								San Francisco, Cal.	3 10 S.	56	51	53	51	55	55
Alpena, Mich.	34 S.	64	45	57	68	48	59	<i>S. Pac. Coast Region.</i>							
Grand Haven, Mich.	45 S.	69	48	61	69	52	63	Fresno, Cal.	2 59 S.	62	49	54	50	58	58
Marquette, Mich.	49 S.	67	47	57	68	48	59	Los Angeles, Cal.	2 53 S.	62	50	58	57	63	63
Port Huron, Mich.	30 S.	68	47	59	70	50	62	San Diego, Cal.	2 49 S.	63	52	61	57	63	63
Sault Ste. Marie, Mich.	37 S.	64	46	54	63	46	56	San Luis Obispo, Cal.	3 03 S.	58	44	53	53	58	58
Chicago, Ill.	50 S.	70	51	63	72	54	64								

* Record for 26 days.

TABLE IX.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during August, 1895.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.	
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.
<i>New England.</i>													
Eastport, Me.	11	30	6	26	s. 46 w.	28	Upper Lake Region—Cont'd.	Hours.	Hours.	Hours.	Hours.	o	Hours.
Portland, Me.	15	25	11	30	s. 62 w.	22	Milwaukee, Wis.	18	25	16	22	s. 4 w.	9
Northfield, Vt.	12	35	6	21	s. 33 w.	22	Green Bay, Wis.	17	24	14	16	s. 16 w.	7
Boston, Mass.	12	24	11	29	s. 56 w.	22	Duluth, Minn.	23	15	10	34	n. 72 w.	25
Nantucket, Mass.	21	11	11	35	n. 67 w.	26	<i>North Dakota.</i>						
Woods Hole, Mass.*	3	20	5	8	s. 10 w.	17	Moorhead, Minn.	23	22	9	15	n. 56 w.	7
Block Island, R. I.	11	24	8	35	s. 64 w.	30	St. Vincent, Minn.	23	19	8	26	n. 77 w.	18
New Haven, Conn.	16	26	8	27	s. 62 w.	22	Bismarck, N. Dak.	29	12	16	18	n. 7 w.	17
New London, Conn.	16	23	7	32	s. 74 w.	26	Williston, N. Dak.	26	23	10	19	n. 72 w.	10
<i>Middle Atlantic States.</i>													
Albany, N. Y.	16	25	13	20	s. 38 w.	11	<i>Upper Mississippi Valley.</i>						
New York, N. Y.	10	35	11	29	s. 45 w.	24	St. Paul, Minn.	20	18	15	29	n. 82 w.	14
Harrisburg, Pa.	14	18	17	24	s. 60 w.	8	La Crosse, Wis.	20	80	7	18	s. 31 w.	12
Philadelphia, Pa.	16	23	9	27	s. 69 w.	19	Davenport, Iowa.	11	25	13	24	s. 38 w.	18
Baltimore, Md.	11	28	11	27	s. 48 w.	23	Des Moines, Iowa.	21	23	7	18	s. 66 w.	12
Washington, D. C.	13	28	15	18	s. 11 w.	15	Keokuk, Iowa.	14	23	4	30	s. 62 w.	30
Lynchburg, Va.	14	24	15	23	s. 52 w.	16	Cairo, Ill.	19	26	14	16	s. 16 w.	7
Norfolk, Va.	9	37	16	19	s. 6 w.	28	Springfield, Ill.	14	25	3	31	s. 68 w.	20
<i>South Atlantic States.</i>							Hannibal, Mo.	12	31	8	32	s. 51 w.	31
Charlotte, N. C.	5	33	22	24	s. 5 w.	23	St. Louis, Mo.	15	29	11	18	s. 27 w.	16
Hatteras, N. C.	8	23	15	35	s. 33 w.	24	<i>Missouri Valley.</i>						
Kittyhawk, N. C.	9	28	18	26	s. 23 w.	21	Columbia, Mo.*	6	12	13	7	s. 45 e.	8
Raleigh, N. C.	10	35	8	23	s. 29 w.	22	Kansas City, Mo.	20	23	17	12	s. 32 e.	9
Wilmington, N. C.	11	22	17	24	s. 32 w.	13	Springfield, Mo.	11	20	17	17	s. 18 e.	20
Charleston, S. C.	10	29	18	24	s. 18 w.	20	Omaha, Nebr.	21	27	21	7	s. 67 e.	15
Augusta, Ga.	16	21	22	16	s. 50 e.	8	Sioux City, Iowa.	21	29	14	14	s. 33 e.	9
Savannah, Ga.	9	32	9	25	s. 35 w.	28	Pierre, S. Dak.	18	16	24	11	n. 81 e.	13
Jacksonville, Fla.	3	35	21	18	s. 5 e.	32	Huron, S. Dak.	25	19	14	17	n. 27 w.	7
<i>Florida Peninsula.</i>							<i>Northern Slope.</i>						
Jupiter, Fla.	6	28	24	13	s. 26 e.	25	Havre, Mont.	20	9	11	33	n. 64 w.	25
Key West, Fla.	9	19	35	6	s. 73 e.	24	Miles City, Mont.	20	13	14	20	n. 4 w.	9
Tampa, Fla.	8	18	30	12	s. 61 e.	21	Helena, Mont.	13	18	9	35	s. 79 w.	25
Titusville, Fla.	6	28	24	16	s. 20 e.	23	Rapid City, S. Dak.	18	20	12	22	s. 79 w.	10
<i>Eastern Gulf States.</i>							Cheyenne, Wyo.	21	19	5	30	n. 85 w.	25
Atlanta, Ga.	8	16	22	23	s. 7 w.	8	Lander, Wyo.	24	17	10	29	n. 70 w.	20
Pensacola, Fla.	15	21	31	72	w. 2 w.	19	North Platte, Nebr.	17	27	16	16	s. . . .	10
Mobile, Ala.	17	16	14	27	n. 86 w.	13	<i>Middle Slope.</i>						
Montgomery, Ala.	15	23	23	15	s. 28 e.	15	Denver, Colo.	21	25	11	17	s. 56 w.	7
Meridian, Miss.	15	29	17	24	s. 27 w.	16	Pueblo, Colo.	20	15	23	19	n. 39 e.	6
Vicksburg, Miss.	14	19	24	15	s. 61 e.	10	Concordia, Kans.	16	23	12	10	s. 7 e.	16
New Orleans, La.	9	26	19	20	s. 3 w.	17	Dodge City, Kans.	17	34	22	3	s. 43 e.	26
<i>Western Gulf States.</i>							Wichita, Kans.	12	36	19	4	s. 32 e.	28
Shreveport, La.	13	28	26	9	s. 52 e.	24	Oklahoma, Okla.	6	40	17	9	s. 14 e.	33
Fort Smith, Ark.	12	12	36	8	e. . . .	28	<i>Southern Slope.</i>						
Little Rock, Ark.	16	23	12	27	s. 65 w.	17	Abilene, Tex.	8	39	21	9	s. 21 e.	33
Corpus Christi, Tex.	3	33	36	4	s. 42 e.	48	Amarillo, Tex.	8	38	10	12	s. 4 w.	30
Galveston, Tex.	1	43	9	21	s. 16 w.	43	<i>Southern Plateau.</i>						
Palestine, Tex.	14	32	21	10	s. 81 e.	31	El Paso, Tex.	18	10	37	11	n. 73 e.	27
San Antonio, Tex.	13	23	34	3	s. 74 e.	32	Santa Fe, N. Mex.	13	23	32	13	s. 68 e.	31
<i>Ohio Valley and Tennessee.</i>							Phoenix, Ariz.†	11	18	19	18	s. 27 e.	23
Chattanooga, Tenn.	15	17	19	25	s. 72 w.	6	Yuma, Ariz.	13	29	11	20	s. 29 w.	18
Knoxville, Tenn.	18	20	18	22	s. 63 w.	4	Independence, Cal.	18	17	17	23	n. 65 w.	11
Memphis, Tenn.	21	22	13	18	s. 79 w.	5	<i>Middle Plateau.</i>						
Nashville, Tenn.	24	20	6	26	n. 79 w.	29	Carson City, Nev.	9	26	13	30	s. 47 w.	23
Lexington, Ky.	8	33	9	30	s. 41 w.	32	Winnemucca, Nev.	19	17	15	25	n. 79 w.	10
Louisville, Ky.	11	33	10	22	s. 29 w.	25	Salt Lake City, Utah.	19	24	21	18	s. 81 e.	6
Indianapolis, Ind.	19	21	9	24	s. 82 w.	15	<i>Northern Plateau.</i>						
Cincinnati, Ohio.	18	27	16	18	s. 13 w.	9	Baker City, Oreg.	22	27	8	20	s. 67 w.	13
Columbus, Ohio.	15	24	16	20	s. 24 w.	10	Idaho Falls, Idaho.	20	28	7	21	s. 60 w.	16
Pittsburg, Pa.	23	14	8	23	n. 65 w.	22	Spokane, Wash.	20	19	18	19	n. 45 w.	1
Parkersburg, W. Va.	10	32	19	14	s. 13 e.	33	Walla Walla, Wash.	11	35	3	30	s. 35 w.	29
<i>Lower Lake Region.</i>							<i>North Pacific Coast Region.</i>						
Buffalo, N. Y.	14	18	6	38	s. 83 w.	32	Fort Canby, Wash.	47	4	4	15	n. 14 w.	44
Oswego, N. Y.	4	29	9	27	s. 36 w.	31	Port Angeles, Wash.	3	23	5	37	s. 58 w.	38
Rochester, N. Y.	9	25	6	38	s. 63 w.	36	Seattle, Wash.	37	10	11	11	n. . . .	27
Erie, Pa.	12	24	10	26	s. 53 w.	20	Tatoosh Island, Wash.	3	31	13	27	s. 27 w.	31
Cleveland, Ohio.	16	20	21	10	s. 79 e.	21	Portland, Oreg.	28	10	8	34	n. 55 w.	32
Sandusky, Ohio.	13	20	20	19	s. 75 e.	27	Roseburg, Oreg.	40	5	17	13	n. 7 e.	35
Toledo, Ohio.	17	15	16	25	s. 77 w.	9	<i>Middle Pacific Coast Region.</i>						
Detroit, Mich.	21	18	17	25	n. 69 w.	8	Eureka, Cal.	14	23	8	31	s. 69 w.	25
<i>Upper Lake Region.</i>							Red Bluff, Cal.	17	27	23	16	s. 25 e.	17
Alpena, Mich.	18	21	11	28	s. 80 w.	17	Sacramento, Cal.	1	46	9	21	s. 15 w.	47
Grand Haven, Mich.	17	20	13	26	s. 77 w.	13	San Francisco, Cal.	28	17	0	43	n. 76 w.	44
Marquette, Mich.	25	18	12	23	n. 58 w.	18	<i>South Pacific Coast Region.</i>						
Port Huron, Mich.	24	24	9	14	w. . . .	5	Fresno, Cal.	39	8	3	42	n. 52 w.	49
Sault Ste. Marie, Mich.	18	20	17	25	s. 76 w.	8	Los Angeles, Cal.	5	10	10	39	s. 80 w.	29
Chicago, Ill.	18	22	18	18	s. 51 w.	6	San Diego, Cal.	15	10	5	49	n. 83 w.	33
							San Luis Obispo, Cal.	22	15	4	32	n. 76 w.	23

* From observations at 8 p. m. only.

† Record for 26 days only.

TABLE X.—*Thunderstorms and auroras, August, 1895.*

States.	No. of stations.																													Total.						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No.	Days.		
Alabama.....	56	T.	1	1	2	1	2	3	3	4	4	1	5	3	3	2	1	3	4	3	1	1	2	2	3	1	2	2	4	64	27					
Arizona.....	45	T.	3	2	6	5	8	4	4	3	2	2	1	2	2	3	2	1	2	2	2	1	1	1	1	1	1	1	1	64	25					
Arkansas.....	51	T.	1	2	1	3	1	2	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	53	19					
California.....	208	T.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	8					
Colorado.....	88	T.	11	12	6	2	7	8	7	13	7	4	3	2	11	3	3	3	3	12	6	6	8	1	3	10	9	10	11	9	192	28				
Connecticut.....	22	T.	9	8	3	2	1	1	1	1	1	1	1	1	1	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	65	12				
Delaware.....	7	T.	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	8					
Dist. of Columbia	4	T.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
Florida.....	38	T.	9	9	10	7	7	10	10	5	7	7	9	8	7	8	6	5	3	4	5	4	6	11	5	2	1	6	4	2	4	6	7	194	0	
Georgia.....	58	T.	3	1	2	3	1	1	2	2	2	3	3	2	2	1	5	4	2	1	3	4	1	4	2	54	23	0	A.							
Idaho.....	35	A.	2	1	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	41	15				
Illinois.....	86	T.	5	14	3	1	15	8	1	1	1	1	1	1	1	7	4	1	1	16	4	1	8	6	7	15	3	121	20	T.						
Indiana.....	42	T.	1	5	1	11	2	3	8	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	69	15				
Indian Territory.	7	T.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	T.				
Iowa.....	95	T.	4	1	12	1	1	9	16	3	2	1	6	7	3	11	14	24	2	1	13	9	1	6	1	1	1	1	1	148	23					
Kansas.....	83	T.	3	14	1	9	6	1	1	12	6	11	12	3	8	7	1	1	1	5	6	6	4	10	3	6	3	1	1	1	187	0				
Kentucky.....	42	T.	1	1	1	3	4	4	1	1	1	1	1	1	1	1	1	1	5	1	1	1	3	1	1	1	1	1	1	1	35	19				
Louisiana.....	53	T.	7	5	7	6	7	5	6	4	8	7	11	10	8	4	6	8	7	7	6	2	7	7	3	2	1	2	5	4	178	31				
Maine.....	18	T.	1	3	1	1	1	11	11	2	1	1	5	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	44	13				
Maryland.....	40	T.	4	5	2	1	10	1	1	10	4	5	5	4	5	1	4	5	1	12	2	8	6	9	76	15	T.									
Massachusetts.....	79	A.	3	1	2	1	10	1	1	12	1	1	2	13	1	1	4	5	1	12	2	25	95	16	T.											
Michigan.....	76	A.	1	1	7	8	1	1	5	7	1	1	1	1	1	2	2	8	5	1	8	1	1	1	1	1	1	1	1	19	4					
Minnesota.....	69	T.	5	9	4	3	14	15	2	1	1	14	8	15	3	1	1	1	7	15	6	5	4	8	8	5	1	1	1	159	26					
Mississippi.....	53	T.	4	3	2	4	2	4	1	4	5	4	9	6	1	3	2	6	3	3	1	1	2	1	1	1	1	1	1	1	94	0				
Missouri.....	100	T.	1	6	10	17	1	3	14	12	2	8	2	2	2	9	22	13	3	3	14	5	9	5	11	19	4	5	1	199	25					
Montana.....	34	T.	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	9				
Nebraska.....	128	T.	3	1	11	2	8	15	7	5	3	10	10	5	3	1	3	11	10	15	4	1	14	2	144	0	A.									
Nevada.....	49	T.	2	2	1	1	4	7	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	46	16					
New Hampshire.....	23	T.	1	4	1	3	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	40	6				
New Jersey.....	53	T.	2	1	31	8	16	1	1	21	11	3	1	1	11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	183	17					
New Mexico.....	32	T.	2	3	1	1	3	2	3	2	2	3	3	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	50	28				
New York.....	82	T.	12	17	25	12	4	1	10	9	4	3	2	3	22	10	6	1	1	1	1	1	1	1	1	1	1	1	1	1	166	16				
North Carolina.....	56	T.	1	3	2	17	4	10	14	6	6	15	15	6	7	4	4	4	13	7	1	1	5	11	16	5	6	13	10	202	26					
North Dakota.....	35	T.	2	1	4	3	1	7	4	1	1	2	1	1	1	2	1	1	2	3	3	3	2	2	2	1	1	1	1	41	15					
Ohio.....	118	A.	16	2	14	47	3	1	5	1	2	10	40	3	1	38	9	3	1	12	8	10	28	28	16	7	298	22	A.							
Oklahoma.....	19	T.	1	2	4	4	4	4	4	4	1	4	1	4	2	4	2	1	2	1	1	2	1	2	1	1	1	1	1	1	25	12				
Oregon.....	63	A.	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	6	8	10	2	1	1	1	1	34	8					
Pennsylvania.....	95	T.	1	17	2	27	5	2	5	28	11	2	4	13	10	9	6	1	1	8	1	3	1	9	8	11	180	24	T.							
Rhode Island.....	8	T.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	6				
South Carolina.....	42	A.	2	3	1	10	6	7	5	7	6	6	9	6	3	5	6	7	6	3	2	1	2	8	11	6	3	5	4	140	27					
South Dakota.....	47	T.	2	2	3	5	4	4	1	1	1	3	6	1	1	2	1	1	6	2	2	1	3	1	1	1	1	1	1	1	45	16				
Tennessee.....	40	A.	2	4	8	1	3	9	9	9	6	5	5	3	5	4	1	1	8	1	1	4	4	3	4	2	2	5	10	118	26					
Texas.....	86	T.	1	1	1	5	7	2	2	2	3	5	2	2	2	7	3	4	4	2	1	3	3	1	2	3	5	1	74	26						
Utah.....	36	A.	1	1	2	1	3	4	2	2	1	6	1	1	2	2	2	2	3	2	2	1	3	0	1	2	1	1	1	38	0					
Vermont.....	16	T.	2	4	5	1	1	6	1	1	2	5	1	1	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31	11				
Virginia.....	29	A.	2	4	3	1	4	3	2	7	4	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	55	23				
Washington.....	48	T.	1	1	5	1	2	5	1	2	5	1	2	1	1	4	2	1	1	1	4	2	2	3	4	4	1	1	1	1	16	4				
West Virginia.....	38	T.	1	5	1	1	2	12	8	8	2	1	1	1	2	13	5	11	1	1	6	18	2	1	1	15	7	1	1	1	44	17				
Wisconsin.....	61	A.	6	2	4	19	1	2	12	8	8	2	1	1	2	13	5	11	1	1	6	18	2	1	1	15	7	1	1	1	147	23				
Wyoming.....	11	A.	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	80	A.				
Sums	2,708	T.	65	81	111	188	142	252	130	132	179	168	268	174	134	120	63	109	187	182	90	104	92	94	133	104	58	101	172	189	208	171	185	4,306	97	T.
		A.	0	1	0	0	0	1	0	29	8	14	3	5	2	2	0	1	12	3	2	1	0	0	0	3	2	1	0	3	2	1	0	97	A.

TABLE XI.—Hourly sunshine as deduced from sunshine recorders, August, 1895.

Stations.	Instrument	Percentages for each hour of local mean time ending with the respective hour.																Monthly summary.		
		A. M.								P. M.								Instrumental record.		
		5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	Actual.	Possible.	Percent of possible.	Personal estimate.
Atlanta, Ga.	T.	51	48	52	53	51	79	85	83	76	64	56	49	34	18	18	Hours.	415.4	81	47
Baltimore, Md.	T.	52	52	51	50	53	72	73	73	73	71	63	59	45	32	42	Hours.	415.4	81	47
Bismarck, N. Dak.	T.	50	53	61	60	58	73	73	73	73	71	67	57	41	38	38	440.4	440.4	440.4	440.4
Boston, Mass.	T.	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	289.1	289.1	289.1	289.1
Buffalo, N. Y.	T.	0	6	9	9	9	9	9	9	9	9	9	9	9	9	9	236.3	431.4	431.4	431.4
Chicago, Ill.	T.	60	36	63	70	73	70	87	85	85	85	85	85	85	85	85	388.6	429.8	429.8	429.8
Cincinnati, Ohio	T.	0	6	9	9	9	9	9	9	9	9	9	9	9	9	9	359.0	434.4	434.4	434.4
Cleveland, Ohio	T.	25	49	45	47	50	75	75	83	83	83	83	83	83	83	83	295.9	438.8	438.8	438.8
Columbus, Ohio	T.	0	31	34	33	33	73	73	85	85	85	85	85	85	85	85	262.9	425.3	425.3	425.3
Denver, Colo.	T.	67	70	73	73	73	73	73	73	73	73	73	73	73	73	73	306.8	425.0	425.0	425.0
Des Moines, Iowa	T.	75	65	61	62	63	73	73	73	73	73	73	73	73	73	73	347.6	428.5	428.5	428.5
Detroit, Mich.	T.	29	49	55	55	55	74	74	74	74	74	74	74	74	74	74	330.8	429.5	429.5	429.5
Dodge City, Kans.	T.	67	65	65	65	65	73	73	73	73	73	73	73	73	73	73	310.5	421.2	421.2	421.2
Eastport, Me.	T.	26	42	45	45	45	73	73	73	73	73	73	73	73	73	73	344.4	435.2	435.2	435.2
Galveston, Tex.	T.	48	78	87	87	87	90	90	90	90	90	90	90	90	90	90	321.4	408.6	408.6	408.6
Helena, Mont.	T.	80	73	75	75	75	75	75	75	75	75	75	75	75	75	75	357.0	439.7	439.7	439.7
Kansas City, Mo.	T.	52	53	53	53	53	64	64	64	64	64	64	64	64	64	64	278.6	428.3	428.3	428.3
Little Rock, Ark.	T.	74	73	81	81	81	85	85	85	85	85	85	85	85	85	85	322.4	416.3	416.3	416.3
Louisville, Ky.	T.	54	54	54	54	54	63	63	63	63	63	63	63	63	63	63	313.6	422.7	422.7	422.7
Marquette, Mich.	T.	17	19	40	40	40	73	73	73	73	73	73	73	73	73	73	240.9	438.8	438.8	438.8
New Orleans, La.	T.	26	34	34	34	34	81	81	81	81	81	81	81	81	81	81	247.1	409.0	409.0	409.0
New York, N. Y.	T.	5	26	34	34	34	81	81	81	81	81	81	81	81	81	81	230.0	426.7	426.7	426.7
Philadelphia, Pa.	T.	100	68	76	76	76	83	83	83	83	83	83	83	83	83	83	354.9	426.1	426.1	426.1
Phoenix, Ariz.	T.	15	45	61	80	80	81	81	81	81	81	81	81	81	81	81	344.2	425.5	425.5	425.5
Portland, Me.	T.	100	86	82	79	79	82	82	82	82	82	82	82	82	82	82	408.7	436.7	436.7	436.7
Portland, Oreg.	T.	100	76	82	82	82	80	80	80	80	80	80	80	80	80	80	100	104.8	104.8	104.8
Do.	T.	40	59	61	61	61	80	80	80	80	80	80	80	80	80	80	319.5	422.7	422.7	422.7
Rochester, N. Y.	T.	59	56	63	63	63	85	85	85	85	85	85	85	85	85	85	375.0	427.0	427.0	427.0
St. Louis, Mo.	T.	67	80	80	80	80	97	97	97	97	97	97	97	97	97	97	376.9	418.9	418.9	418.9
Salt Lake City, Utah	T.	6	8	8	8	8	29	29	29	29	29	29	29	29	29	29	239.0	421.1	421.1	421.1
San Diego, Cal.	T.	0	2	14	14	14	32	32	32	32	32	32	32	32	32	32	307.2	417.5	417.5	417.5
Santa Fe, N. Mex.	T.	64	74	84	85	85	96	96	96	96	96	96	96	96	96	96	242.8	412.9	412.9	412.9
Savannah, Ga.	T.	48	63	73	73	73	71	71	70	69	68	68	68	68	68	68	274.6	412.9	412.9	412.9
Vicksburg, Miss.	T.	42	45	54	54	54	75	75	75	75	75	75	75	75	75	75	320.6	423.3	423.3	423.3
Washington, D. C.	T.	68	75	81	81	81	86	86	86	86	86	86	86	86	86	86	334.9	415.8	415.8	415.8
Wilmington, N. C.	T.	40	47	68	68	68	71	71	67	64	57	48	57	57	57	57	36	24	24	24

*Photographic record incomplete.

† All values for 28 days only.

‡ Thermometric record discontinued.

TABLE XIII.—Hourly precipitation, August, 1895.

Stations.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Midnight.	Total.	
Atlanta, Ga.*	0.00	0.01	0.24	0.05	T.	T.	0.01	0.02	0.05	0.07	0.16	0.17	0.44	0.61	0.88	1.64	0.76	0.51	0.35	0.53	0.52	0.10	0.73	0.16	8.70	
Baltimore, Md.	T.	0.00	0.00	0.00	0.00	T.	T.	0.01	0.02	0.18	0.12	0.00	0.06	0.87	0.29	1.41	T.	T.	T.	T.	0.00	0.00	T.	T.	2.43	
Bismarck, N. Dak.	0.05	0.08	0.03	0.06	T.	T.	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.54	
Boston, Mass.	0.00	0.00	0.15	T.	0.06	0.18	0.12	0.03	0.06	0.93	0.70	0.25	0.14	0.17	T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86		
Buffalo, N. Y.	T.	0.04	0.11	0.03	T.	T.	0.01	0.01	0.01	T.	T.	0.76	0.14	T.	0.00	0.05	0.52	0.31	0.19	0.19	0.01	0.01	T.	T.	1.01	
Chicago, Ill.*	0.17	0.87	0.07	T.	0.00	T.	T.	0.05	T.	T.	T.	0.05	0.32	0.14	T.	0.08	0.59	0.11	0.09	0.11	0.10	0.02	0.49	3.20		
Cincinnati, Ohio	0.00	0.00	0.00	0.12	0.01	0.00	0.00	0.00	0.14	0.03	0.02	0.30	0.29	0.50	0.73	0.94	1.18	0.16	0.01	0.01	0.07	T.	T.	0.03	4.58	
Cleveland, Ohio	0.00	0.00	0.00	0.01	0.01	0.01	T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.97		
Denver, Colo.	0.01	0.02	0.01	0.01	T.	T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	
Detroit, Mich.	0.01	0.01	0.01	T.	0.07	0.10	0.15	0.32	0.24	0.01	T.	0.03	0.33	0.08	0.06	0.02	0.24	T.	T.	0.02	0.01	0.17	0.22	0.11	0.76	
Dodge City, Kans.	0.04	0.00	0.00	0.00	0.00	0.08	0.45	0.28	0.10	0.16	T.	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.42	
Duluth, Minn.	0.16	0.06	0.10	0.02	0.00	0.05	0.01	0.29	0.01	0.02	0.00	0.08	0.05	0.25	0.02	0.08	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.67	
Eastport, Me.	0.14	0.12	0.09	T.	T.	0.01	0.03	T.	T.	0.02	0.10	0.01	0.00	0.88	0.32	0.23	0.15	0.20	0.42	0.84	0.09	0.01	0.01	0.01	4.54	
Galveston, Tex.	T.	0.02	0.01	T.	T.	0.02	0.01	0.00	0.02	0.12	0.12	T.	0.11	0.03	0.05	0.15	0.20	0.42	0.84	0.09	0.01	0.01	T.	T.	0.01	2.91
Indianapolis, Ind.	0.00	0.01	0.01	0.53	0.02	0.01	0.10	0.11	0.08	0.31	0.02	T.	T.	0.04	0.48	0.12	0.08	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	2.54
Jacksonville, Fla.	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.07	T.	T.	0.39												

TABLE XIII.—*Excessive precipitation, by stations, for August, 1895.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		
		Amt.	Day.	Amt.	Time.	Day.
Asheville	Inches.	Inches.		Ins.	h.m.	
Cordova		8.00	10-17	1.13	1 00	18
Daphne		2.64	16			
Eufaula		4.00	3	4.00	3 05	3
Evergreen		3.10	11-12	2.05	1 30	9
Fort Deposit		2.91	11-12			
Gadsden		3.83	20-21			
Greensboro				1.63	0 30	5
Highland Home		10.81	3.85	3		
Maple Grove			3.25	20-21		
Mobile			2.93	12-13		
Newton				1.56	1 00	5
Do.				1.52	1 00	22
Pine Apple			2.50	15		
Rock Mills			3.20	21		
Scottsboro			2.55	21		
Thomasville				1.83	1 30	11
Tucson	Arizona.					
Calabasas				1.10	1 00	18
Dudleyville				2.00	0 30	8
Farleys Camp				1.50	1 00	6
Mount Huachuca		2.58	23			
Tucson	Arkansas.			1.40	1 00	8
Bee Branch				1.05	1 00	20
Blanchard Springs		3.53	3			
Corning				1.41	0 50	9
Fort Smith				1.00	0 50	1
Do.				1.04	0 45	11
La Crosse				1.09	1 00	30
Lonoke				1.88	0 30	9
Pocahontas				1.25	0 30	9
Washington				1.36	1 00	21
Connecticut.						
Bridgeport		2.60	18			
Canton		3.08	18			
Hartford	b.	3.37	7			
Middletown		3.53	18			
New Haven				1.00	0 55	12
Southington		2.60	18			
South Manchester		3.13	18			
Waterbury		3.16	7	1.06	0 45	7
Do.		2.88	18			
West Simsbury		3.44	18			
Windsor	Delaware.	3.61	7	1.88	0 30	7
Dover				1.18	1 00	16
Milford				2.10	1 55	16
Millsboro				1.34	1 00	15
Wilmington				1.08	0 45	29
Florida.						
Bartow				1.70	1 30	22
Brooksville				1.59	0 30	22
Do.				1.05	0 20	26
Earnestville		3.20	10-11	2.21	1 00	16
Eustis		2.52	11	1.51	1 00	6
Do.		2.58	6	1.53	1 30	16
Fort Meade				2.45	1 40	3
Gainesville				1.48	1 00	11
Jupiter				1.13	0 50	6
Key West						
Moseley Hall		3.25	15			
Myers		2.59	12-13			
Ocala		2.73	26	2.73	2 00	26
Orange Lake		3.60	21	2.60	1 00	21
Pensacola		2.75	28-29			
Tampa				1.60	1 05	21
Tarpon Springs		3.00	11			
Georgia.						
Atlanta		2.52	15-16			
Augusta				1.10	1 00	22
Brag		11.27	8.88	3		
Cainak		13.43	3.12	17		
Do.		4.17	21-22	4.07	2 30	22
Canton		3.56	15-16			
Clayton		11.24		1.67	0 45	29
Cordelle						
Covington				3.47	17	
Dahlonega		15.88	7.84	16		
Diamond		10.40	2.61	27	2.48	2 00
Elberton				2.50	20-21	27
Fleming				3.76	3	
Fort Gaines					1.53	1 30
Gainesville					11	
Griffin		10.08		2.00	2 00	6
Hephzibah				3.80	21-22	
Leverett		13.02	2.50	23		
Macon					2.10	1 45
Milledgeville					2.80	3
Millen					3.67	21-22
Morgan						1.00
Point Peter						16
Reynolds						2.55
Savannah						3.74
Do.						5.23
Union Point						2.51
Way Cross						2.78
Waynesboro		11.99	6.60	21-22	2.81	1 40
Do.						2.65
Do.						2.85
West Point						1.50

MONTHLY WEATHER REVIEW.

TABLE XIII.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.	
		Amt.	Day.	Amt.	Day.
West Point	Georgia—Cont'd.	Inches.	Inches.	Ins.	h.m.
Do.	Illinois.			1.21	1 00
Ashton				1.50	1 00
Aurora				2.51	23-24
Chicago				3.68	23-24
Clear Creek				3.65	23-24
Frederick				3.00	25-26
La Grange				8.14	23-24
Martinsville					1.40
Mount Vernon					0 45
Oswego				4.08	23-24
Rose Hill				3.50	3
St. Charles				4.00	23-24
Sycamore				2.61	23-24
Wheaton				3.12	23-24
Indiana.					
Terre Haute	Indiana.			2.52	29
Tahlequah	Indian Territory.			2.90	24
Vinita				2.78	24
Iowa.				8.23	24-25
Afton	Kansas.			4.40	27
Algona				2.35	23
Ames				2.70	23
Atlantic				4.18	23
Atlantic (near)				3.15	23
Audubon				6.25	23
Centerville				3.75	23
Davenport				4.36	23-23
Elkader				2.87	23-23
Greenfield				3.25	23
Guthrie Center				6.70	23
Hawkeye				4.26	23-23
Logan				4.96	23
Madrid				8.39	23-23
Maple Valley				2.69	27
Neola				3.10	23-23
Panama				6.47	23-23
Portsmouth				6.22	23
Sac City				4.65	23-23
Villiaca				2.88	27-28
Washington				2.53	23
Waukeet				2.60	23
Winterset				2.03	23
Kansas.					
Beloit				2.50	9
Blaine				2.60	14
Burlington				3.50	19
Campbell				2.68	19
Cunningham				2.80	23-23
Downs					1.91
Emporia				12.45	1 15
Do.				2.50	19
Frankfort				3.85	23-24
Halstead				3.30	19
Hays				8.76	2
Horton					1.00
Lawrence				12.30	14-15
Macksville				2.50	31
Manhattan				5.91	10-20
Morland				2.75	1-2
Olathe				11.45	19-20
Wamego				10.07	19
Do.				3.86	1 30
Wichita				2.91	29-30
Yates Center				3.09	2 00
Kentucky.				2.00	1 45
Earlington					2.00
Marrowbone					1.27
Pryorsburg					1.59
Cheneyville	Louisiana.				1.15
Covington				4.20	15-16
Farmerville				3.44	3
Mellville					1.00
New Iberia				8.25	4
New Orleans				2.67	15-16
Oberlin					1.00
Paincourtville					1.00
Do.					1.30
Rayne					1.81
Shell Beach					1.92
Southern University					1.50
Thibodeaux					1.26
Do.					1.55
Maryland.					1.25
Oldtown	Massachusetts.				1.00
Mystic Lake				2.56	2 00
Mystic Station				2.94	12
Nantucket				2.74	7
Winchester				2.95	18
Winthrop					
Michigan.					
Allegan				3.91	23-24
Hastings				2.93	23-24
Kalamazoo				3.76	23-24
Lansing				2.98	23-24
Olivet				3.28	23-24

TABLE XIII.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		Day.
		Amt.	Day.	Amt.	Time.	
<i>Minnesota.</i>						
Belleplaine	Inches.	Inches.		Inches.	h. m.	
Bird Island				1.45	1 05	13
Milan				1.05	1 00	16
Pleasant Mounds				1.06	1 00	18
Roseau				2.44	0 30	26
<i>Mississippi.</i>						
Briars		3.50	4			
Columbus		2.88	8			
Do.		2.66	10-11			
Greenville		2.80	13-14			
Hazlehurst		3.50	2			
Moss Point		12.60				
<i>Missouri.</i>						
Bethany		5.50	28-29			
Conception		4.15	28-29	2.08	1 10	23
Do.				1.20	1 00	29
Fairport		2.98	28-29	2.40	1 00	23
Gallatin		4.06	28-29			
Gayoso				1.84	1 00	10
Harrisonville		3.90	19-20			
Humansville				1.12	1 00	9
Kidder		2.53	25	2.51	1 00	23
Langdon		2.50	4			
Do.		2.63	23			
McCune		2.50	10			
Marble Hill				1.05	1 00	10
Marceline		4.00	19			
Oden				1.52	1 00	81
Oregon		3.15	28-29			
Pierce City		3.30	25-26			
Princeton		3.80	28-29			
Sarcocie				1.53	0 30	9
Steffenville		3.06	29			
Trenton				2.09	1 20	28
Unionville		3.23	28-29			
<i>Nebraska.</i>						
Arborville		4.16	22	1.00	0 30	9
Ashland				1.17	0 40	10
Blue Hill		3.20	80	2.25	1 30	14
Do.				3.20	1 30	30
Bratton		2.51	28			
Burwell				1.88	0 35	12
Callaway				2.00	0 40	22
Fairbury		2.85	19	2.05	2 00	9
Fairmont				1.15	0 40	9
Fontanelle		2.64	28			
Gibbon		2.60	14			
Hastings				1.45	1 00	18
Hickman				1.00	1 00	14
Lexington		2.71	18-14			
McCook		2.62	1			
Oakdale				1.16	0 30	10
Do.				1.36	0 40	30
Odell		3.00	19			
Omaha				1.19	1 00	4
Do.				1.92	1 00	27
Superior		2.85	14			
Tekamah		2.65	28			
Dublin		2.50	18			
<i>New Hampshire.</i>						
Cape May C. H.				1.25	1 00	81
Elizabeth				1.22	0 30	81
Millville				1.08	1 00	16
Paterson				1.31	1 00	18
<i>New Mexico.</i>						
San Marcial		3.22	29-30			
<i>New York.</i>						
Bedford				1.55	0 45	4
Friendship				1.00	1 00	17
Malone				1.07	1 00	4
New York				1.11	1 00	81
Port Jervis				2.25	1 50	4
Wedgewood		3.00	11			
West Point		2.50	8			
Willets Point				1.10	1 00	81
<i>North Carolina.</i>						
Blowing Rock		2.54	16			
Currinck Inlet		2.70	16-17			

TABLE XIII.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		Day.
		Amt.	Day.	Amt.	Time.	
<i>North Carolina—Cont'd.</i>						
Fair Bluff	Inches.	11.42		8.40	16-17	
Goldsboro				8.70	12-13	
Highlands				8.98	15-16	
Horse Cove				12.54	15-16	
Do.				2.57	21	
Lenoir						
Littleton				2.59	16-17	
Lynn				11.06		
Rutherfordton					2.80	16-17
Salisbury						
Skyuka				10.67		
Sloan					2.62	30-31
Wilmington						
Do.						
<i>North Dakota.</i>						
Power	Inches.					
<i>Ohio.</i>						
Jacksonboro						
Montpelier						
New Berlin						
Pomeroy						
<i>Oklahoma.</i>						
Alva		8.85	10	8.85	8 00	10
Burnett					1.21	1 05
Enid		2.88	15			8
Guthrie		2.85	18-14			
Keokuk Falls						
Sac and Fox Agency		10.10	3.10	2.16	2 00	24
Do.			2.70	24		
<i>Pennsylvania.</i>						
Chambersburg				2.56	80-81	
Farrandsville				2.96	6-7	
Forks of Neshaminy				2.91	4	
Karthaus						
Point Pleasant				3.70	4	
Saegerstown				2.58	6-7	
Smiths Corners				3.48	4	
<i>Rhode Island.</i>						
Block Island						
<i>South Carolina.</i>						
Allendale		11.18	2.90	8-4		
Do.			4.90	21-22	2.86	2 30
Cheraw					2.00	1 30
Conway				4.68	3-4	
Edisto				2.54	13-14	
Greenwood				10.04		
Holland				12.00	4.58	22
Kingstree						
Mount Carmel				11.88	4.27	21-22
Pinopolis				11.58		
Ridgeway					2.80	16
St. Matthews				11.58	2.50	8
Do.					2.50	29
Trenton				11.49		
Trial				10.85		
<i>South Dakota.</i>						
Pierre						
<i>Tennessee.</i>						
Jackson				2.60	20	
Lynnville				2.50	31	
Newport					1.00	1 00
<i>Texas.</i>						
Coleman				4.46	21	
Columbia					1.75	1 30
Dean				4.09	23-24	
Fort Stockton				8.10	31	
Fredericksburg						
Galveston				3.61	29-30	
Leakey				4.00	17-18	
Orange					2.01	1 40
<i>Virginia.</i>						
Callaville						
Clarksville				3.00	16	
Grahams Forge				2.61	17	
Sunbeam					1.81	0 50
<i>West Virginia.</i>						
Blooming						
Elkhorn					1.87	1 14

TABLE XIV.—*Maximum rainfall in one hour or less, August, 1895.*

Stations.	Maximum rainfall in—					
	5 min.	Date.	10 min.	Date.	1 hour.	Date.
Atlanta, Ga.*						
Inch.	Inch.					
0.30	17	0.40	17	0.76	17	
Baltimore, Md.	0.23	31	0.46	31	0.78	31
Bismarck, N. Dak.					0.07	9
Boston, Mass.	0.29	18	0.38	18	0.88	18
Buffalo, N. Y.	0.14	17	0.21	17	0.58	24
Chicago, Ill.*						
Cincinnati, Ohio	0.25	27	0.37	27	0.95	27
Cleveland, Ohio	0.21	3	0.38	3	0.58	3
Denver, Colo.	0.02	23	0.03	23	0.15	23
Detroit, Mich.	0.10	6,28	0.15	28	0.25	6
Dodge City, Kans.	0.30	4	0.50	4	0.78	4
Duluth, Minn.	0.19	9	0.21	9	0.25	9
Eastport, Me.	0.15	18	0.22	18	0.74	18
Galveston, Tex.*	0.54	29	0.93	29	2.32	29
Indianapolis, Ind.	0.22	6	0.32	6	0.50	6
Jacksonville, Fla.	0.30	13	0.51	13	0.67	13
Jupiter, Fla.	0.27	11	0.52	11	1.48	11
Kansas City, Mo.	0.28	5	0.47	5	0.96	5
Key West, Fla.	0.42	6	0.65	6	1.19	6
Little Rock, Ark.	0.23	20	0.44	20	0.98	20
Louisville, Ky.	0.33	4	0.35	4	0.88	4
Marquette, Mich.	0.15	17	0.20	17	0.34	17
Memphis, Tenn.	0.13	20	0.17	20	0.26	20
Milwaukee, Wis.	0.28	27	0.37	23	0.68	23

TABLE XIV.—*Maximum rainfall—Continued.*

Stations.	Maximum rainfall in—					
	5 min.	Date.	10 min.	Date.	1 hour.	Date.
Nantucket, Mass.	0.30	12	0.45	12	0.80	12
Nashville, Tenn.	0.15	30	0.18	25	0.35	25
New Orleans, La.	0.35	20	0.57	20	0.98	20
New York, N. Y.	0.42	7	0.68	7	1.11	31
Norfolk, Va.	0.25	27	0.28	27	0.61	27
Omaha, Nebr.	0.50	27	0.75	27	1.82	27
Philadelphia, Pa.	0.17	29	0.22	29	0.29	29
Pittsburg, Pa.	0.35	18	0.43	29	0.91	29
Portland, Me.*	0.08	31	0.15	31	0.70	24
Portland, Oreg.	0.05	30	0.07	30	0.20	30
Rochester, N. Y.	0.28	17	0.41	17	0.82	17
St. Louis, Mo.	0.19	10	0.29	10	0.40	26
St. Paul, Minn.	0.25	9	0.37	9	0.59	9
Salt Lake City, Utah	0.01	18	0.02	18	0.02	18
San Diego, Cal.	0.00	.....	0.00	.....	0.00	.....
San Francisco, Cal.	0.00	.....	0.00	.....	0.00	.....
Savannah, Ga.	0.43	8	0.65	8	1.89	8
Seattle, Wash.	0.01	21	0.06	21	0.06	21
Vicksburg, Miss.	0.32	11	0.41	11	0.51	11
Washington, D. C.	0.10	27	0.19	27	0.29	27
Wilmington, N. C.	0.32	13	0.45	13	1.20	13

*Record incomplete.